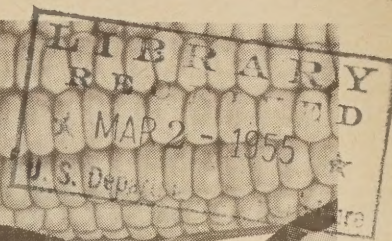


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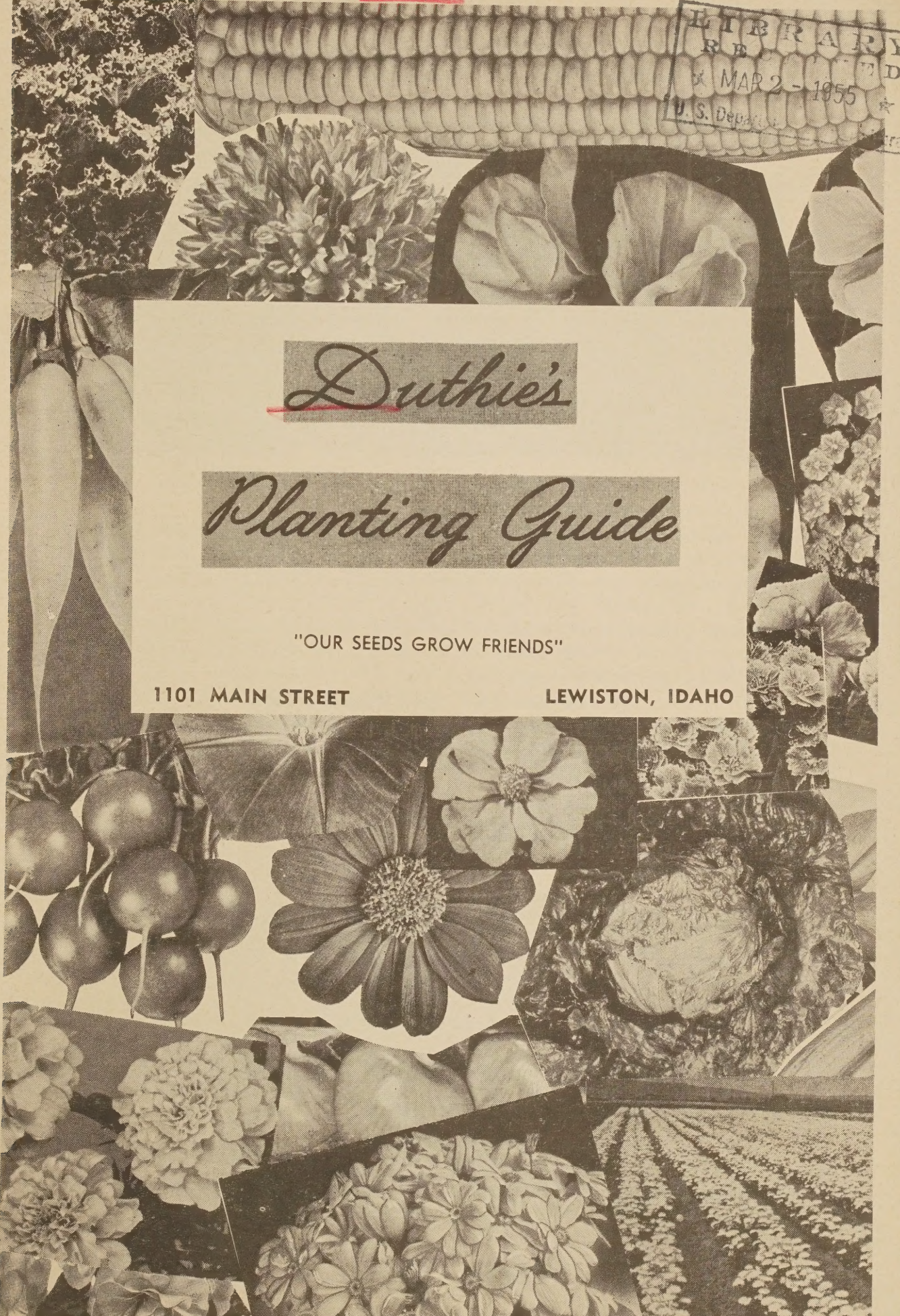
Duthie's

Planting Guide

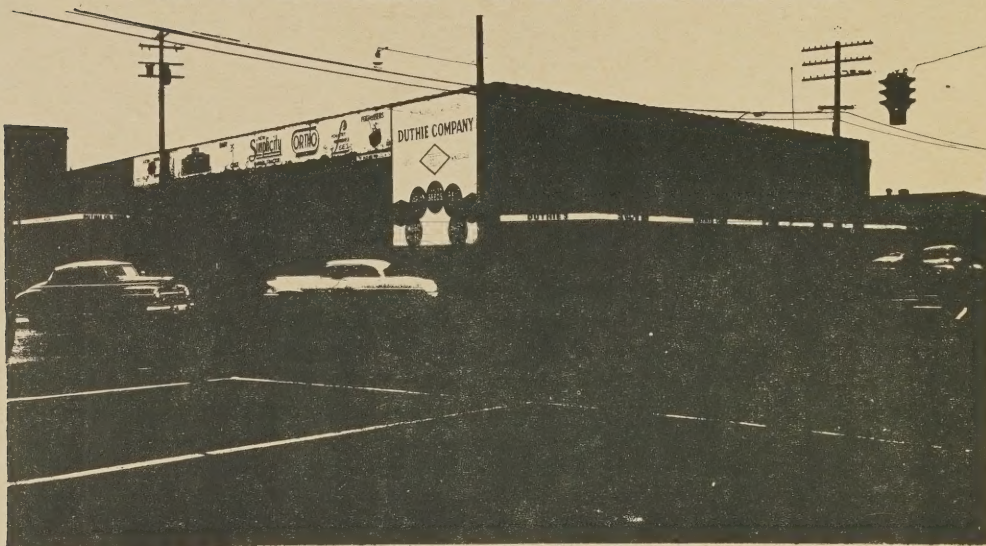
"OUR SEEDS GROW FRIENDS"

1101 MAIN STREET

LEWISTON, IDAHO



DUTHIE COMPANY



COMPLETE PLANT UNDER ONE ROOF - LARGEST IN IDAHO

Our plant is complete and we are able to handle Seeds from producer to consumer. Processing plant, wholesale and retail departments cover over 40,000 sq. ft. floor space.

Entire plant is located at 11th and Main St., Lewiston, Idaho. All under one roof makes it possible for us to give the best and most efficient service.

MAIL ORDER INFORMATION

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods unless instructed to do so.

Parcel Post Rates—weight limit 70 lbs.
Alaska is 8th zone—all Alaska parcels limited to 18 inches in length.

Zone	Approximate Distance	First Pound	Each Added Pound
1 & 2	150 miles	\$.23	\$.04
3	150-300	.23	.05
4	300-600	.24	.07
5	600-1000	.26	.09
6	1000-1400	.28	.12
7	1400-1800	.30	.15
8	1800 and over	.32	.18

TERMS—REMITTANCE WITH ORDER, PLEASE, as we do not ship C.O.D. Send personal check, U. S. Money Order, Express, or Bank Money Order. Charge accounts are invited, please give customary credit references.

MAIL ORDERS are given our prompt and careful attention. Use the handy order blank in this catalog. We ship all over the world.

ORDER EARLY—Send your order in as soon as you receive our catalog (we publish two a year). Any items not available when order is received will be sent as soon as ready and in proper time for planting.

NON-WARRANTY—We exercise the greatest care to have all of our seeds, bulbs and plants of good quality and true to name, but there are many contingencies encountered in growing plants, and success is dependent on other factors besides the seeds and plants. Therefore we operate under the usual Seedman's Non-Warranty, viz.:

gives no warranty, express or implied, as to the productiveness of any seeds, bulbs, or plants it sells, and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds, bulbs, or plants.



"Our Seeds Grow Friends"

LEWISTON, IDAHO
1101 MAIN ST.

DUTHIE COMPANY

FREE FREE
FINE
BALL POINT PEN
RETAILS 98¢
to \$1.69
EVERWHERE

FOR ONLY \$3.00 ORDER OF
FLOWER & VEGETABLE YOU CAN



GET FREE THIS FINE PEN. IN ADDITION YOU
WILL GET ON OUR MAILING LIST FOR FUTURE GARDEN
INFORMATION AND GUIDES.



Simply make up order of Flower Seeds or Vegetable Seeds to amount of \$3.00 or more and we will include, without charge this fine ball point pen. If you want one for each of the family, we will send you FREE pen for every \$3.00 received that is, if order is for \$6.00, two Pens, \$9.00 three Pens and so on - no limit, you must understand, however, that this offer applies to GARDEN AND FLOWER SEEDS ONLY.

BOYS & GIRLS, you can have one of these Pens by sending in order with \$3.00 for Seeds. We will send SEEDS and include a Pen Free. When order arrives you can sell the Seeds to neighbors and friends-get your \$3.00 back and have the PEN for your effort.

CUT OUT ORDER BLANK IN BACK OF THIS CATALOG TODAY AND MAIL US YOUR ORDER ATONCE.

FREE

THIS OFFER GOOD FOR MAIL ORDERS ONLY

DUTHIE'S SPECIAL \$3.00 COLLECTION

We will mail you our SPECIAL COLLECTION, Home Garden and include a fine Pen (above) FREE. When received if not entirely satisfied return the seed, keep the Pen for your trouble and we will gladly return your \$3.00. Our collection contains following seeds:

Bush Beans	Peas, early	Radish, early
Sweet Corn, early	Carrots	Radish, late
Sweet Corn, late	Lettuce, Head	Onions
Beets	Lettuce, Leaf	Turnips
Pumpkins	Cucumbers	Squash

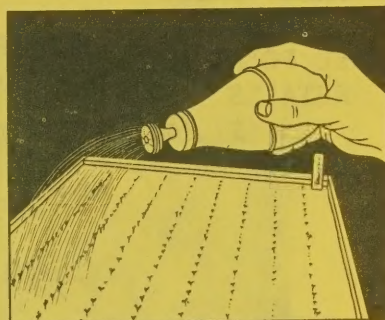
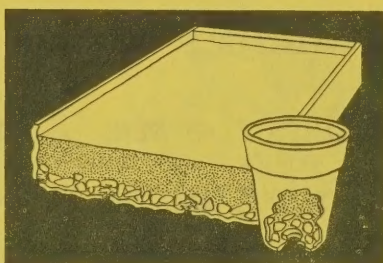
WILL INCLUDE YOUR NAME ON OUR LIST FOR FUTURE GARDEN
GUIDES AND OTHER INFORMATION

"Our Seeds Grow Friends"

It's Easy to Start Your Flowers in Flats

*There is a
Flower for
Every Spot*

Drainage is Important Water-But Gently



FOR LIGHT SHADE

Aquilegia (Columbine)
Digitalis (Foxglove)
Nasturtium
Begonias
Pansy
Stock
Snapdragons
Nemophila
Petunia (Fringed and Ruffled)

YOUR SUNNIEST SPOT

Portulaca
California Poppy
Shirley Poppy
Swan River Daisy
Zinnia
Marigold
Bedding Petunia

ANNUAL VINES

Scarlet Runner Bean
Black Eyed Susan Vine
Canary Bird Vine
Ornamental Gourds
Morning Glory
Nasturtium (Climbing Varieties)
Sweet Peas

For growing seeds indoors either pots or shallow boxes known as flats, are satisfactory. Whichever you use be sure the drainage is good. In the case of flats see that the boards on the bottom are spaced about a quarter of an inch apart. When filling the seed flats place some material such as granulated peat moss along the cracks to prevent the soil from washing through the bottom. On the bottom half inch of the flat place gravel or soil screenings to help the drainage. If pots are used be sure to put some drainage material in the bottoms.

Water the seed bed thoroughly, but gently with a fine spray. A coarse spray or stream of water will wash the seed out of the soil. For this reason, when using an outdoor seed bed, it is well to have a cover available to place over the seed bed during rainy spells. This should be supported several inches over the seed bed to allow free circulation of air.

Be sure to keep the seed bed moist. Excessive dryness will prevent germination.

FOR FALL BLOOM

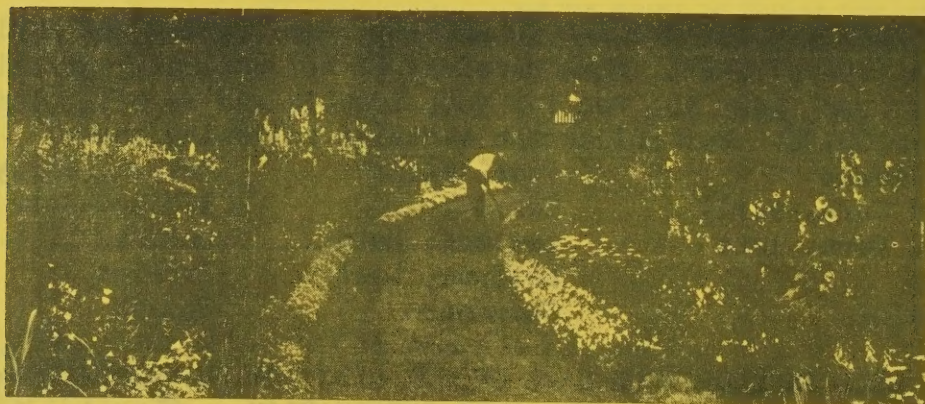
Make an additional sowing of these flowers in mid-summer for fall blooms.

Calendula
Candytuft
California Poppy
Dwarf Marigold
Phlox Drummondii
Sweet Alyssum
Zinnia, Lilliput

LOW GROWING FLOWERS FOR EDGINGS

Ageratum
Alyssum
Bellis (English Daisy)
Blue Cup Flower
Lobelia
Nemesia
Nasturtium, Dwarf Varieties
Pansy
Portulaca

"Our Seeds Grow Friends"



The edges along your garden walks are the natural location for flower borders. Low-growing flowers for edging are listed in the special column on this page. Where space permits, low-growing borders may be backed with medium and even tall growing flowers as indicated in the picture above.

Gardening Success Is Our Business.

Lovely New Models For '55 Gardens

CANDY PINK MORNING GLORY
Morning Glory. Flowers are rose-pink, 4 in. across. Vine often 15 ft. high.
Culture: Soak seeds for several hours, then sow where vine is to bloom.
Uses: Screen unsightly spots; cover rocks, gateposts, fences. Pkt. 25¢



LITTLE SWEETHEART

Sweet Pea. Plants form rounded bush 8 in. high. Large, Spencer-type flowers in a mixture of colors.
Culture: Sow seeds as early as possible. Must provide support.
Uses: Screen unsightly areas; cutting. Pkt. 25¢.

LATHYRUS—Perennial Sweet Pea

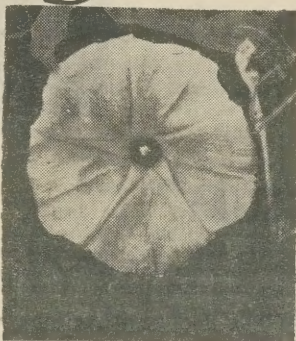
Mixed Colors Vigorous climbing or trailing plants with showy clusters of pink, white and reddish purple sweet-pea-like flowers from June until September if not allowed to go to seed. Desirable for training on trellis, fence, pergola, arch or trailing over banks, rocks, rough places; good for cutting. Quick grower. Succeeds in almost any kind of soil and location with practically no care. 5 to 6 ft. tall.

Pkt. 15¢; ¼ oz. 60¢; ½ oz. \$1.10

RUFFLED RED MARIGOLDS

Everyone wants these gracefully ruffled border marigolds in rich mahogany red with petal edges illumined in bright gold

Pkt. 25¢



CANDY PINK



Wade Beans

All-America Gold Medal Winner. Exceptionally smooth, round, stringless, slender, dark green pods, 5½ to 6 in. long are profusely borne on strong growing plants well above the ground. Resistant to common bean mosaic and powdery mildew. Valuable bush bean for home and market. Pkt. 25¢; ½ lb. 55¢; lb. \$1.00; 2 lbs. \$1.90;



Pennsweet Muskmelon

New Extra Early Melon

PENNSWEET (83 days) Received the Bronze Medal in the 1955 All-America awards. A very early, small sized melon that yields well in areas where we have short seasons. Flesh is very sweet, thick, of a salmon color and the fruit has very little seed cavity. The vigorous vines set fruits averaging 1½ to 2 pounds, which are slightly longer than wide. When ripe the rind is a greenish-yellow in color. Distinct ribs with some dense netting. Pkt., 25¢; oz., 60¢; ¼ lb., \$1.70; lb., \$5.00, postpaid.



Outstanding New Hybrid Sweet Corn

This new hybrid usually produces two beautiful, long 12-row golden ears to the stalk. They are placed medium high, enabling easy picking. Furthermore, the plant produces very few tillers. Plants average 5 to 6 feet in height, and a high number of narrow husks to each ear insure good coverage and easy husking. Ready for picking 4 to 5 days ahead of Golden Cross Bantam. It is an outstanding all-purpose sweet corn for the home garden, the truck garden, canning or quick freezing on the cob. We unhesitatingly recommend Wisconsin Golden 900 Hybrid as the sweetest and best quality sweet corn grown today. Pkt., 15¢; ½ lb., 45¢; lb., 85¢; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

"Our Seeds Grow Friends"

FLOWERS

AGERATUM

Favorite, profuse blooming plants with fluffy flowers in dense heads throughout the summer and fall. In great demand for borders, edgings, rock gardens, small beds and also make nice indoor pot plants, especially the dwarf varieties. Does well in sun or half-shade in any good soil.

Blue Ball Compact ball-shaped plants, 6 to 8 in. tall, are covered with large heads of many dark blue flowers. Wonderful for edgings.
Pkt. 15¢; $\frac{1}{8}$ oz. 60¢; $\frac{1}{4}$ oz. \$1.10

Blue Cap Large rich blue flowers in dense heads cover the dwarf, dome-shaped plants which grow 8 in. tall.
Pkt. 25¢; $\frac{1}{8}$ oz. \$1.00; $\frac{1}{4}$ oz. \$1.85

Varieties marked * have received an award by
ALL-AMERICA SELECTIONS

This is a sign of outstanding merit since AAS awards are given only after rigid testing by expert growers in all parts of the U. S. A.



Ageratum.

SWEET ALYSSUM

Easily grown, free flowering plants; universally popular for beds, borders, edgings, rock gardens, pots and window boxes. Of quick growth; in bloom from early in the summer until hard frost. May be used for growing in pots or boxes indoors during the winter.

Carpet of Snow The pure white flowers are so freely produced as to give the impression of a white carpet. Fine for wide edgings, for while plants seldom grow over 4 in. high, they spread considerably.
Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.70

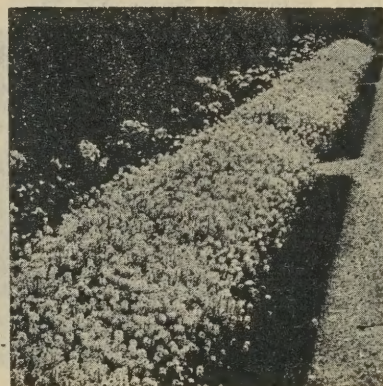
Royal Carpet (NEW) All-America Silver Medal Winner. Plants are low and spreading, 2 or 3 in. high, 10 or more in. across, fully covered with large heads of rich violet or vibrant purple flowers. Distinct.
Pkt. 25¢; $\frac{1}{16}$ oz. \$1.00; $\frac{1}{8}$ oz. \$1.85

Violet Queen Large heads of fragrant, bright, clear violet flowers, a few top center ones in the cluster being white. Free and continuous bloomer. 5 in. tall.
Pkt. 15¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00

Sweet (Maritimum) Of spreading growth, averaging 8 in. in height. Pure white, honey-scented flowers completely cover the plants all summer until late fall.
Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 65¢
Perennial Alyssum.

Saxatile compactum (Basket of Gold) Dense heads of brilliant golden yellow flowers are borne so profusely in early spring as to hide the plants. 9 to 12 in.
Pkt. 15¢; $\frac{1}{16}$ oz. 60¢; $\frac{1}{8}$ oz. \$1.10

Rock Garden Rare Species Mixed Choice assortment of dwarf growing varieties ranging from 4 to 16 in. in height. In bloom over a long period in early spring.
Pkt. 25¢; $\frac{1}{16}$ oz. \$1.00; $\frac{1}{8}$ oz. \$1.85



Sweet Alyssum

Princess Asters

WILT RESISTANT

Princess Asters are of a new type, characterized by full crested centers surrounded by several rows of guard petals, producing fully double flowers whose beauty is evident from the illustration. Plants are branching, giving a bushy effect in the border. They are early and free bloomers and make splendid cut flowers. 2-2 $\frac{1}{2}$ ft.

PRINCESS ELIZABETH. Pure white.

PRINCESS PAT. Bright crimson.

PRINCESS SUSAN. Clear deep blue.

SPECIAL MIXTURE OF PRINCESS ASTERS, containing all the above, including the new introductions.

Each of the above, pkt., 25c.

Single Asters

Both in the garden and in the border these lovely daisy-blooms of vivid coloring are highly esteemed by advance gardeners and florists.

ASTER RAINBOW MIXTURE. 24 inches. A new strain of single asters producing large flowers of all colors of the rainbow, except yellow, including many tones of blue and violet, rose and crimson, but without flesh pinks or white. Pkt., 25c.

WILT RESISTANT ASTER Heart of France. Pkt., 20c.

An old favorite which in the opinion of many has never been surpassed.

HEART OF FRANCE. 18-24 in. Opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals show a soft warm velvety texture. $\frac{1}{4}$ oz., 65c; pkt., 20c.

GIANT CREGO Ostrich Feather 2 ft.

The flowers are immense on long stems. The petals are curled and twisted, plants branching. Flowers in abundance from late August until frost.

AZURE BLUE.

Orchid,

Rose,

DEEP ROSE.

PINK.

PURPLE.

Crego Finest Mixed. Pkt. 15c.

Improved Giants of California. Large, graceful Crego type flowers borne on long heavy stems. Flowers from late summer to frost. Height 3 feet. Fine for cut flowers. Finest mixed. Pkt. 25c each.

**All the New and Better
Flowers and Vegetables**

CALENDULA Pot Marigold (a)

Blooms freely in early summer and continues into fall, requiring little care to grow to perfection. 18 to 24 inches high. May also be planted in fall.

Campfire Improved. A very deep strong orange with distinct scarlet sheen on upper side of each petal. Blooms are flat across top, 4 inches in diameter. Pkt. 15c.

New Sunshine Calendula Chrysantha. A clear Buttercup yellow with loosely arranged petals, incurved at the center, and reflexed at the edges. The foot-long stems are strong and wiry. Pkt. 15c.

Pacific Beauties. Large, full double blooms with long petals, arranged loosely to form a ball. About 16" tall, with huge flowers of lemon, apricot and persimmon shades, often attractively tipped. Heat resistant. Mixed Pkt. 25c.

CLARKIA

Finest Double Mixed The dainty double flowers somewhat resemble those of the flowering almond. Does best in sections where summers do not get too hot. Salmon, pink, mauve, rose, carmine, purple, white and shades of red mixed. 2 ft. Pkt. 15¢; ¼ oz. 50¢; ½ oz. 85¢

COCKSCOMB

Giant Plumed or Tall Feathered

Showy, well-branched plants, each branch crowned with long, silky, feathery plumes. Effective in beds and borders; useful for cutting. Very free blooming. 2½ to 3 ft.

Mixed Colors Varied shades of red and yellow mixed. Makes a grand showing and is always sure to attract attention.

Pkt. 10¢; ½ oz. 50¢; ¼ oz. 95¢

Crested Cockscomb

(*Celosia cristata*)

The name "Cockscomb" applies particularly to this group, for the flower heads, as will be seen from the picture above, surely have a resemblance to the form of a rooster's comb. These do best in light soil.

Dwarf Mixed (nana) Many fine shades of yellow, orange, crimson, purple, rose and red in mixture. The large flower heads or combs are much used when dried for winter decoration in the home. 10 in.

Pkt. 15¢; ½ oz. 60¢; ¼ oz. \$1.10

FORGET-ME-NOTS

Cynoglossum

Graceful, loose sprays of large forget-me-not-like flowers are freely produced throughout the summer on strong plants. Splendid for garden. Of easiest culture; stands heat.

1895 Firmament All-America Bronze Medal Winner. Dwarf plants, 15 in. high, covered with bright indigo-blue flowers for a long time during the summer. A "blue" gem for dwarf borders, edgings and rock gardens.

Pkt. 15¢; ½ oz. 45¢; ¼ oz. 85¢

RICINUS—Castor Oil Bean

Magnificent, tall, large-leaved plants of tropical appearance, succeeding in a warm, sunny location. Beautiful for backgrounds.

Mixed A wonderful assortment of the finest varieties, with large ornamental leaves in green, red and bronze. 8 to 10 ft.

Pkt. 10¢; oz. 35¢

*A Flower for
Every Spot*



Sensation
Cosmos,
Radiance

Cosmos

Early flowering, blooming in about 12 weeks from sowing. The flowers are very large, 4 to 5 inches across, with heavy fluted petals. Height about 4 feet. By disbudding, enormous flowers can be obtained.

DAZZLER. Very rich, deep crimson.

RADIANCE. Deep rose with rich crimson zone.

PINK. A delightful rose-pink selection.

SENSATION SPECIAL MIXED.

Each of the above, pkt., 25c; 3 pkts. for 65c

FIESTA. 2½ ft. All America Silver Medal 1952. Flowers of bright gold striped with scarlet are borne on dwarf bushy plants. Blooms are similar in form to Yellow Flare, semi-double with ruffled petals, and are freely borne all summer, following an early start. A good border subject and attractive cut flower. Pkt., 25c.

ORANGE FLARE. 3 ft. Well-branched plants, bearing showy golden orange, flowers in about 3 months from seed, blooming with increasing freedom until killing frost. Sow outdoors when soil is warm, or indoors with bottom heat of 70 degrees. Seed germinates in 8 days. Give full sun. Pkt., 15c.

YELLOW FLARE. 3 ft. Bright clear yellow. The single flowers are about 2½ in. across, produced in abundance. Delightful when used in flower arrangements. Give same cultural care as Orange Flare. Pkt., 25c.

AQUILEGIA—Columbine

Mrs. Scott Elliott Hybrids Marvelous array of splendid colors, ranging through shades of lavender, orchid, mauve, blue, purple, yellow, pink, red, etc.

Pkt. 30¢; ½ oz. \$1.00; ¼ oz. \$1.85

Blue Shades Vary from light blue, mid-blue, deep blue to the darkest purple.

Pkt. 25¢; ½ oz. 75¢; ¼ oz. \$1.40

HEUCHERA—Coral Bells

Sanguinea Hybrids Dainty white, pink, rose, and crimson bell-shaped blooms on graceful, slender spikes 12 to 18 in. long from June until September. Fine for border, rock garden and lovely for cutting.

Pkt. 35¢; 2 pkts. 65¢; ½ oz. \$1.50

COREOPSIS—Golden Wave

One of the most popular and easiest grown hardy plants. Blooms profusely from May until autumn if flowers are not allowed to go to seed. Will flower the first year if seed is sown early. Showy in the border, fine for cutting. Vigorous growing; drought resistant. Grows in any soil, but does best in moderately fertilized, light loam in full sun. From 2 to 3 ft. high except Maritima which grows 3 ft. tall. Nice in mixed borders, especially with blue salvia, delphinium, centaurea montana, anchusa, scabiosa, etc.

Grandiflora Double Beautifully formed double and semi-double bright golden yellow flowers on long, stiff stems.

Pkt. 20¢; ½ oz. 60¢; ¼ oz. \$1.10



Aquilegia, Burpee's Best Hybrids

GYPSOPHILA

Annual Baby's Breath

Well-known, open, bell-shaped blooms used so much for mixing with other flowers in bouquets and vases. Easy to grow in any soil. Blooms quickly; make several sowings two weeks apart for continuous display

Scarlet Distinct, showy color. 20 in. Pkt. 15¢; ¼ oz. 60¢; ½ oz. \$1.10

King of the Market Plants are rugged and upright in growth, bearing many sprays filled with very large, pure white flowers. Early bloomer. 2 ft. tall.

Pkt. 10¢; ¼ oz. 40¢; ½ oz. 75¢

Perennial Gypsophila,

Paniculata Single ☐ Tiny white flowers on slender stems are produced so freely as to give the plant a mist-like effect. Blooms during June and July. All paniculata types are valuable for mixing with other flowers in the fresh state and they can be dried for winter use. Grows 2½ ft. tall.

Pkt. 15¢; ½ oz. 50¢; ¼ oz. 95¢

Paniculata Double ☐ Small, double white blooms in much branched panicles during June and July. The multitude of tiny flowers per stem add grace and lightness when mixed with other blooms in vases and bouquets. Grow 3 ft. high.

Pkt. 25¢; ½ oz. 75¢; ¼ oz. \$1.40

CORNFLOWER, *Centaurea* BACHELOR'S BUTTON or (a)

Among the hardiest and easiest of all annuals. Will grow anywhere. Narrow foliage and wiry stems. Pick off the old blooms—have flowers all summer long.

Cornflower, Jubilee Gem. Compact plants a foot high, literally covered with bright blue flowers. Pkt. 15c.

Cornflower, Cyanus Double. This superb Cornflower has handsome large double blooms in pink, red, white and blue. 2 to 3 feet tall.

Mixed. Pkt. 10c.

BALSAM Lady Slipper (a)

Gorgeous masses of brilliant double flowers are produced in the greatest profusion. A favorite for a shady spot. Height, 2 feet.

Camellia Flowered. Most improved type. Finest Mixed. Pkt. 15c.

BEAN (a-c)

Scarlet Runner. An ideal climber to provide summer shade for porches, pergolas. Bold, handsome foliage, many large sprays of bright scarlet flowers followed by edible beans in 6-inch pods. Vines will reach 20 ft. or more. Pkt. 10c.

BELLIS

English Daisy (p)

Monstrosa. Splendid early flowering daisy. Large fully double daisies in rose, red and white on 6-inch stems. Pkt. 25c.

BLACK EYED SUSAN Thunbergia (a-c)

Beautiful rapid growing annual climber, preferring a warm sunny situation. Used extensively for hanging baskets, vases, low fences, etc. Very pretty flowers in buff, white, orange and other shades, with dark eyes.

Alata. Finest mixed. Pkt. 10c.

BLUE CUP FLOWER Nierembergia (a)

***Purple Robe.** All America Bronze Medal 1942. Very dwarf cushion-like plants with flowers of violet blue. In bloom for a long period. Pkt. 25c.

BUTTERFLY FLOWER Schizanthus (a)

One of our finest hardy annuals. Showy flowers of various colors, closely resembling some species of Orchids. Does well in shade.

Giant-flowering Hybrids. An extra select, compact, large flowered strain in a perfect blend of rose, pink, salmon, crimson, deep purple, and many bicolors, all handsomely veined in pure gold. Pkt. 25c.

CANTERBURY BELLS Campanula Medium

Calycanthema, Cup and Saucers. The most beautiful type with large bell or cup-shaped flowers surrounded at the base by a large calyx of a similar color, the whole resembling a cup and saucer.

Finest Mixed. Pkt. 10c.

Single. A form with charming pyramids of fluted bells, 2 to 3 ft. Mixed Pkt. 10c.

Cornflower,
Blue Boy



CALLIOPSIS

TALL GROWING ☐

Thrifty, vigorous, profuse blooming plants with numerous flowers, many marked with bands of contrasting colors. Equally effective in beds, borders or as cut flowers.

Drummondii (Golden Wave)

Large golden-yellow flowers with a circle of reddish brown around the center are freely borne on long, wiry stems. 20 in. tall.

Pkt. 15¢; 2 pkts. 25¢

CANARY BIRD FLOWER

Very graceful, dainty climber with beautifully cut foliage and finely fringed, nasturtium-like flowers of rich canary yellow, which at a distance appear like tiny canary birds. Prefers semi-shade and fairly moist soil. Nice for cutting. 10 to 15 ft.

Pkt. 15¢; ¼ oz. 40¢; ½ oz. 75¢

CANDYTUFT

Umbellata Mixed ☐ Umbel or umbrella-shaped flower heads made up of many small flowers cover the dwarf bushy plants, which grow 1 ft. tall. Attractive blend made up of carmine, flesh pink, lilac, rose, cardinal and white. If you live in a section where summers are hot, sow the seeds very early in the spring so that plants will bloom during the cooler days of late spring and early summer. Do well in sun or half-shade.

Pkt. 10¢; ¼ oz. 35¢; ½ oz. 65¢

IBERIS—Perennial Candytuft

Gibraltarica hybrida During spring and early summer the dwarf, neat evergreen, shrubby plants are hidden under a mass of large and showy clusters of lavender-pink flowers. Excellent for rock gardens or borders, extremely charming on ledges or walls, and useful as a ground covering. Does well in dry places, but water freely during periods of drought. 10 in. tall.

Pkt. 15¢; ½ oz. 60¢; ¼ oz. \$1.10

GIANT MARGUERITE CARNATIONS ☐

Finest Mixed Delightfully fragrant, fringed flowers of the largest size in a blend of all colors—whites, lovely rose and pink shades, salmon, deep red, scarlet, dark blood-red and yellow. Plants flower within five months from seed; in localities where summers are short, start seed early indoors. Hardy in moderate climates where it may be grown as a biennial. 15 to 18 in.

Pkt. 25¢; ½ oz. 85¢; ¼ oz. \$1.60

CARDINAL CLIMBER

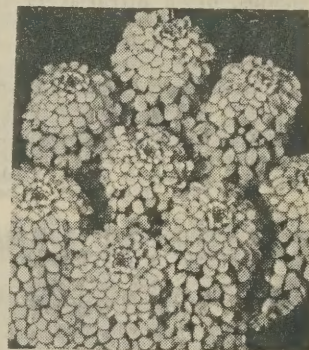
Ipomoea quamoclit sloteri ☐

? Quick-growing climber with cardinal-scarlet blooms, 1 to 1½ in. across in lovely contrast to the glossy dark green foliage so finely cut as to give little or no shade. It is grown extensively for its spectacular display of flowers. Vines grow 15 ft. tall, are in bloom all summer until frost. Do well in any good soil in a sunny location.

Pkt. 15¢; ¼ oz. 60¢; ½ oz. \$1.10



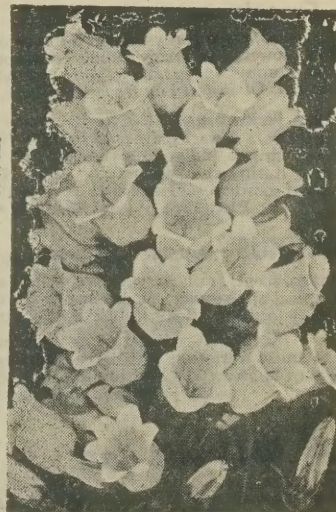
Calliopsis drummondii



Giant Hyacinth Flowered Candytuft



Giant Enfant de Nice Carnations



Single White Canterbury Bells

DAHLIAS FROM SEED

It is easy and fascinating to grow dahlias from seed and enjoy the surprise of new colors and forms. Seeds of the tall dahlias should be started early indoors; the seed of the dwarf varieties may be sown in the open when the soil has become warm. Single and small-flowered varieties reproduce fairly true to color and type, but large flowering kinds can be expected to produce some singles and semi-doubles as well as full doubles.

Dwarf Growing Dahlias

Unwin's Dwarf Hybrids Exquisite semi-double dahlias in a varied assortment of colors. Early flowering. Bushy plants 1½ to 2 ft. tall.
Pkt. 25¢; ¼ oz. \$1.00; ½ oz. \$1.85

Tall Growing Dahlias

Large Flowered Double Mixed Seed has been saved from the finest double flowers of the formal and informal decorative, cactus and semi-cactus types in a select assortment of best colors and attractive markings. Plants are strong, 3 to 5 ft. tall.
Pkt. 25¢; ¼ oz. \$1.00; ½ oz. \$1.85

Pompon Mixed The smallest of all dahlias; flowers are ball-shaped in a wide color range on rather compact plants. Stems are of good length for cutting purposes. Prolific blooming. 3 ft.
Pkt. 50¢; 2 pkts. 95¢; ¼ oz. \$1.75

DELPHINIUMS—Hardy Larkspur

Delphiniums are among the most beautiful and most widely used perennials for garden display and cutting. The regal stateliness of their massive, colorful spikes is unequalled by any other flower. They are of easy culture, succeeding best in deep, rich, well-drained soil. Bloom in June, and if spikes are not allowed to go to seed, new growth will be produced—usually three crops are had in one season. Flowers the first year if sown early.

Finest Mixed Magnificent blend of all the different named series of Giant Pacific Delphiniums. A planting is always sure to demand admiration whether in beds or borders; the tall, majestic spikes are most imposing and highly valuable for exhibition. Vigorous growing and very free blooming. White and varied blue shades.
Pkt. 40¢; ¼ oz. \$1.25; ½ oz. \$2.25

Choicest Mixed, Gold Medal Exquisite, single, semi-double and double flowers ranging in color from the lightest shade of blue to darkest purple, 3 to 4 ft.
Pkt. 35¢; ¼ oz. \$1.00; ½ oz. \$1.85

MARVEL-OF-PERU

Four O'Clocks

Tall Mixed Popular old-fashioned plant, whose flowers open in the afternoon if day is sunny or all day if it is cloudy. Red, pink, lilac, yellow, white and often several colors will be found in varying degrees in one flower. Easily grown everywhere. Blooms from July until frost. 2 ft.
Pkt. 10¢; ½ oz. 35¢; 2 ozs. 65¢

GEUM—Avens

Dainty double blooms are freely produced on long stems from June to September if not allowed to go to seed. Needs protection over winter in cold sections, or, in such localities, treat as annuals by starting seed early indoors. 1½ to 2 ft. tall.

Lady Stratheden Bright golden yellow, loosely double flowers; rich color.
Pkt. 25¢; ¼ oz. \$1.00; ½ oz. \$1.85

Mrs. Bradshaw Large, double, fiery scarlet, showy flowers in great profusion.
Pkt. 25¢; ¼ oz. \$1.00; ½ oz. \$1.85

ORNAMENTAL GOURDS

The ripened fruits, when dried, are used for ornaments and in recent years have become extremely popular for home decoration. Do best when trained on fence, arbor or trellis.

All Kinds Mixed Large and small-fruited gourds in mixture. An interesting collection of many different shapes.
Pkt. 15¢; ½ oz. 50¢; 1 oz. 95¢

GODETIA—Satin Flower

Attractive bushy plants with masses of large, colorful blooms during the summer and fall. Thrive best in a cool, moist soil and a half-shady location. Ideally suited for beds and borders. Nice for cutting.

All Colors Mixed Rose, carmine, pink, cattleya-blue, white, etc., in many shades and combinations. 12 to 15 in. tall.
Pkt. 10¢; ½ oz. 40¢; ¼ oz. 75¢

SHASTA DAISY

Generally suitable for borders and cut flowers, doing best in moist but well-drained locations. Pure glistening white flowers in June and July. Extremely hardy; easy to grow with little care. 2 to 2½ ft. tall.

Alaska Large white, single flowers, 4 to 5 in. across, with small yellow centers. Stems are long and strong. Very popular.
Pkt. 15¢; ¼ oz. 45¢; ½ oz. 85¢

Floradale Daisy The petals are shredded, quilled and gracefully incurved, giving the large, pure white flower a semi-double, chrysanthemum-like appearance.
Pkt. 25¢; ¼ oz. 85¢; ½ oz. \$1.60



Dimorphotheca, Mixed Colors

DIMORPHOTHECA

African Daisies—Cape Marigold

2033 Mixed Colors Daisy-like flowers 3½ to 4 in. across; white, sulphur-yellow, golden yellow, salmon, rose, apricot, ecru, and other colors in mixture. Nice for rock gardens, edgings, and cutting. Bloom early and continue for a long time. 1 ft. tall.
Pkt. 25¢; ½ oz. 85¢; ¼ oz. \$1.60

DAISY, TAHOKA

Bushy, compact plants with fern-like foliage. Flowers are 2 in. across, composed of a single row of narrow, pointed, lilac-blue petals surrounding a golden yellow, disc-like center. Blooms early and profusely throughout the summer and fall. 20 in.
Pkt. 25¢; ½ oz. 85¢; ¼ oz. \$1.60

GAILLARDIA



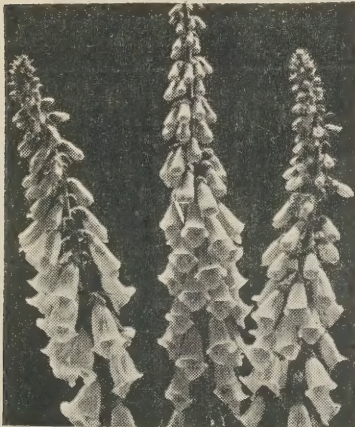
3941
Gaillardia, Portola Hybrids
Pkt. 20¢

Portola Hybrids Attractive bronzy scarlet flowers heavily tipped with golden yellow. Large flowers on strong, stiff stems.
Pkt. 20¢; ½ oz. 60¢; ¼ oz. \$1.10

Dazzler Rather large flowers of bright golden yellow with deep crimson-maroon center. Charming as a cut flower.
Pkt. 25¢; ½ oz. 75¢; ¼ oz. \$1.40

FLOWERING TOBACCO Nicotiana

Affinis Hybrids Brilliant colors, including many fine shades of rose, red, crimson and creamy white. 2½ ft. tall.
Pkt. 10¢; ¼ oz. 50¢; ½ oz. 95¢



Digitalis, Shirley Mixed

DIGITALIS—Foxglove

Both are of the gloxiniaeflora type, so that the flowers are shaped and spotted like gloxinias. Do well in sun or half-shade; bloom in June and July. Splendid for beds and borders. Being biennials, seed should be sown every year for a continuous display.

Shirley Mixed Extra large bell-shaped flowers in a wide range of beautiful colors from white and shell-pink to deepest rose, many delightfully blotched or spotted with crimson, maroon or chocolate. Plants grow 6 ft. tall, with enormous flowering spikes often 3 ft. and more in length.
Pkt. 25¢; ½ oz. \$1.00; ¼ oz. \$1.85

HOLLYHOCKS



Hollyhock, Fancy Mixed

Single Large Hollyhocks

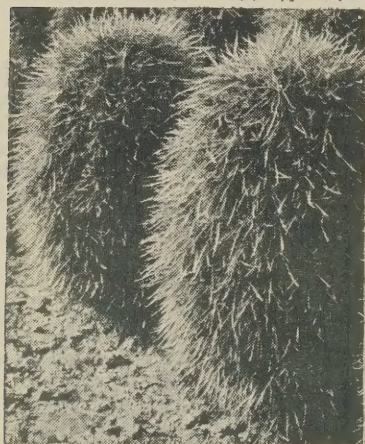
Mixed Colors Magnificent plants, 8 ft. tall, the spikes studded with huge single flowers in a wide range of colors from white to maroon. A very choice mixture.

Pkt. 15¢; ½ oz. 45¢; ¼ oz. 75¢

Double Large

All Colors Mixed A splendid assortment of all the above and other colors, some tinted with a second tone. Beautiful.

Pkt. 15¢; ½ oz. 60¢; ¼ oz. \$1.10



Kochia, Giant Christmas

KOCHIA—Burning Bush

Giant Christmas Symmetrical oval plants, 3 ft. tall, resembling an ornamental evergreen. Fine for summer hedges. Light green foliage turns carmine in late fall.

Pkt. 10¢; ½ oz. 50¢; oz. 95¢

Giant Imperial Larkspurs

Blue Bell Light azure-blue. Excellent.

Dark Blue Spire Intense oxford-blue.

Lilac Spire Soft lilac, silvery sheen.

Los Angeles Luminous salmon-rose.

2008 Ruby Genuine ruby red. Distinct color.

2157 White King Nice alone or with others.

2153 Mixed Colors Special mixture of these and other varieties of the Giant Imperial type.

Any of the above Giant Imperial Larkspurs: Pkt. 15¢; ½ oz. 50¢; ¼ oz. 95¢



Lobelia

LOBELIA

Useful, easily grown plants covered with flowers throughout the season. The compact varieties are fine for beds, borders, edgings and rock gardens; trailing varieties may be used for flower boxes, hanging baskets and pots. Do well in partial shade.

2149 Sapphire (Trailing) Large, deep blue flowers with showy pure white eye.

Pkt. 25¢; ½ oz. 85¢; ¼ oz. \$1.60

Compact Lobellias

Cambridge Blue True Cambridge-blue flowers. Plants grow 5 to 6 in. tall.

Pkt. 25¢; ½ oz. 85¢; ¼ oz. \$1.60

Crystal Palace Rich deep blue flowers; dark foliage. A favorite. 4 in.

Pkt. 15¢; ½ oz. 60¢; ¼ oz. \$1.10



Lupine

Russell Lupins.

Magnificent plants with elegant spikes of pea-flower-like blooms during May and June. Succeed in deeply prepared, well-drained, sandy or light woods soil. 3 ft.

Mixed Splendid blend of all colors in varying hues of blue, pink, yellow, etc.

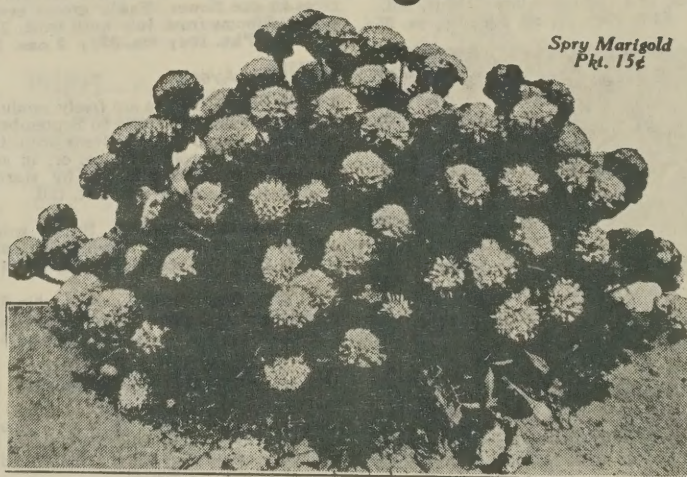
Pkt. 25¢; 2 pkts. 45¢; ¼ oz. \$1.00

LINARIA

Dwarf, free-flowering plants with small spikes of dainty snapdragon-like flowers. Shades of crimson and gold, pink, mauve, blue, chamois, and rose, blotched with different shades on the lip. Grows 1 ft. tall.

Pkt. 15¢; ½ oz. 60¢; ¼ oz. \$1.10

Dwarf Double French Marigolds



Spry Marigold
Pkt. 15¢

1 Spry All-America Silver Medal Winner and Highly Commended by The Royal Horticultural Society of Great Britain. Flowers are double, 1½ to 1¾ in. across, with bright yellow, pin-cushion center crests surrounded by several rows of mahogany-red guard petals. 9 in.

Pkt. 15¢; ½ oz. 60¢; ¼ oz. \$1.10

Exquisite blooms, 1¼ to 2 in. across, in orange, yellow and mahogany, as well as combinations of these colors. All French Marigolds, tall and dwarf growing, should be grown in soil that is not overly rich, otherwise plants may produce an over-abundance of foliage and a scarcity of flowers. Grow 6 to 18 in. tall according to variety.

Harmony Flowers, 1½ in. across, with fluted, deeply cut golden orange center petals and reddish brown outer ones. Most attractive combination. 1 ft.

Pkt. 10¢; ½ oz. 40¢; ¼ oz. 75¢

Yellow Pygmy An All-America Winner. Sparkling, light lemon-yellow, tiny chrysanthemum-like flowers, 1¼ in. across; bushy 6 in. plants. Wonderful marigold.

Pkt. 20¢; ½ oz. 75¢; ¼ oz. \$1.40

Scarlet Glow All-America Winner. Flowers open deep scarlet and turn to a rich tangerine color. They are fully double, 1¼ to 2 in. across, and borne profusely on dwarf, bushy plants which reach a height of 10 in. Brightest red of all.

Pkt. 25¢; ½ oz. \$1.00; ¼ oz. \$1.75

Single French Marigolds

With the introduction of the following six Burpee varieties, more gardeners are planting single flowered marigolds than ever before because they are far superior to old-fashioned kinds—flowers are larger and richer colored; plants are earlier and more profuse blooming. For a striking display in beds, borders and edgings, the single French Marigolds are hard to beat. Nice for cutting.

Dwarf Single French

2352
Flash
Pkt. 10¢



Flash All-America Silver Medal Winner. Gay, single flowers, 1 3/4 in. and more across, in a bright combination of colors which range from vivid red through bronze and yellow. In most of the flowers a base color of tangerine is overlaid with rich marigold-red. 18 in.

SPECIAL: Pkt. only 10¢; 1/8 oz. 40¢; 1/4 oz. 75¢

Naughty Marietta All-America Winner; Award of Merit, Royal Horticultural Society of Great Britain. Wide open, single flowers, 2 1/2 in. across; rich golden yellow attractively blotched maroon at base of the petals. They are freely borne on compact plants 1 ft. tall; gay subjects for beds, borders and edgings. Early and continuous bloomer. Pkt. 20¢; 1/8 oz. 75¢; 1/4 oz. \$1.40

Red Head All-America Bronze Medal Winner. Single flowers, 2 in. across, made up of a crested center of golden petals edged maroon and surrounded by a single row of broad, overlapping, gracefully recurved petals which open a rich mahogany changing to auburn and later to attractive shades of bronze and gold. Plants grow 12 in. tall. Pkt. 25¢; 1/8 oz. \$1.00; 1/4 oz. \$1.75



Naughty Marietta Dwarf Single



Signet Marigold

(*Tagetes signata pumila*)

Golden Ring Extremely free-flowering dwarf plants, 8 to 10 in. tall, with fine, lacy foliage with the usual marigold odor and hundreds of small golden-orange flowers always open at one time. For edgings, borders and rock gardens they are unsurpassed. Easily grown. Pkt. 25¢; 1/8 oz. 85¢; 1/4 oz. \$1.50

MORNING GLORIES

Special Culture on Packet

If sown outdoors, do not sow until the ground is warm and summer established. Give plants full sun, porous soil, and do not overfeed, as this may limit flowers. Seeds germinate in 8-10 days.

DARLING. Giant flowers, up to 4 inches in diameter, of a rich wine red with snowy-throat that provides enough contrast to make flowers stand out immediately. An easily cultivated annual climbing vine, of vigorous growth and very free flowering. Pkt., 25c.

IMPROVED PEARLY GATES. This is a white sport of the lovely Heavenly Blue morning glory, and is similar in size, vigor of growth and abundant bloom, to that unsurpassed climber. Pkt., 25c.

SCARLETT O'HARA. Stunning 3 1/2-in. flowers of a soft velvety scarlet, borne in profusion from July until frost. The flowers stay open longer in the day than other sorts. 1/4 oz., 60c; pkt., 20c.

HEAVENLY BLUE CLARKE'S EARLY FLOWERING. A strain of Heavenly Blue selected for earliness. Flowers measure 3 1/4 to 4 inches across. To sow indoors, nick through hard outer shell of seed with knife or file. Then sow in flower pot in good friable soil, and place where bottom heat of at least 70 degrees is provided. Keep indoors until weather is warm. 1/4 oz., 35c; pkt., 20c.

MARIGOLD

AFRICAN, TALL DOUBLE (*Tagetes erecta*). Very large globular flowers composed of compact tubular or quilled petals. Height, 2 1/2 feet.

Orange All Double. An improved strain which produces practically one hundred per cent double flowers. Pkt. 15c.

Lemon All Double. A fluffy fully doubled variety with pale yellow blooms loosely quilled. Pkt. 15c.

Mixed Pkt. Pkt. 15c.

CARNATION FLOWERED, Real Gold (African). Carnation-like petals and unusually brilliant golden color make this flower outstanding. It lacks much of the pungent odor of other Marigolds. Very free blooming. Height, 2 feet. Pkt. 15c.

***CHRYSANTHEMUM FLOWERED, Mammoth Mum.** See All America Selections, page 3.

Cupid. This is the only Extra Dwarf African Chrysanthemum Flowered Marigold in circulation. Cupid is the perfect pot or edging Marigold bearing 2 1/2-3" lemon-yellow flowers in profusion on a compact 8" plant. Pkt. 25c.

MIGNONETTE—Sweet Scented

Grown for its charming fragrance. Excellent for cutting, especially when used with other flowers. Blooms all summer. 1 ft. tall.

Finest Mixed Large-flowered varieties of many fine shades. Pkt. 15¢; 1/4 oz. 60¢; 1/2 oz. \$1.10



Mignonette,

NASTURTIIUMS

Ever popular plants of the easiest culture, blooming most profusely in ordinary, well-drained garden soil; if overly rich it will cause plants to produce more leaves than flowers. They are most useful plants for dry, sandy, or gravelly locations. Nasturtiums may be had in a great variety of shades and color combinations, single or double flowers and semi-tall or dwarf growing. Their varied colors, different shapes and refreshing fragrance make them most desirable for cutting. Few flowers ever introduced have been acclaimed so quickly and praised so highly as double nasturtiums. The ever popular Golden Gleam was the first double to be grown from seed. Since then we have created double nasturtiums in all the best colors.

Semi-Tall Giant Double Nasturtiums

Flowers are extra large, exquisitely sweet-scented, double and semi-double with eight or more petals; plants are semi-tall and splendid for beds, broad borders or as ground covers. May be trained upon strings or wire. Valuable for cutting, as flowers keep for a long time.

Golden Gleam All-America Gold Medal Winner. Rich golden yellow, sweet-scented long-stemmed flowers. Profuse blooming.

Burpee's Scarlet Fiery, vivid orange-scarlet—the most brilliant in the tall double group. Large flowers in greatest profusion.

Any of the above Semi-Tall Giant Double Nasturtiums:

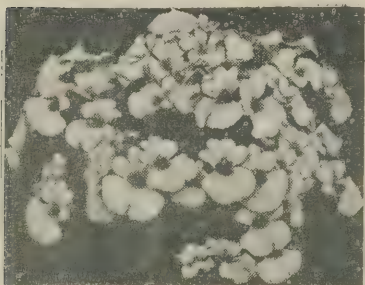
Pkt. 15¢; oz. 50¢; 2 ozs. 90¢; ¼ lb. \$1.75

Dwarf Giant Double Nasturtiums

Plants are of compact, bush or globular form, about 1 ft. high and 1½ ft. across. The gorgeous, giant double and semi-double sweet-scented flowers are produced most freely on very long stems, which makes them especially fine for cutting. Eight or more irregularly placed petals give the blooms an unusually artistic appearance. Plants are uniformly dwarf, rounded and covered with flowers. Most attractive in beds, borders, edgings, rock gardens and pots. We offer a wide assortment of the best colors.

Mixed Colors Colorful mixture of double flowers in beautiful shades from creamy white through yellow, rose, salmon, salmon-pink, orange, cerise, scarlet, blood-red, crimson and mahogany to deep maroon, including many color combinations and variegated markings.

Pkt. 15¢; oz. 60¢; 2 ozs. \$1.10; ¼ lb. \$2.00



Nemesis, Large Hybrids Pkt. 15¢

NEMESIA

Large Flowering Hybrids Dwarf, free-blooming, showy plants for edgings, borders and rock gardens. White, yellow, orange, pink, crimson, rose, blue, etc., in mixture. Does best in cool weather. 1 ft.

Pkt. 15¢; ½ oz. 50¢; ¼ oz. 95¢

NEMOPHILA—Baby Eyes

Insignis Blue Quick grower; early bloomer. Bears a profusion of lovely, cup-shaped, sky-blue flowers with white centers. Charming for the rock garden and edgings. The plants grow 6 to 8 in. high. Beautiful.

Pkt. 15¢; ¼ oz. 60¢; ½ oz. \$1.10

PHLOX DRUMMONDI

Mixed Shades. Pkt. 15c.

Gigantea Art Shades. The individual flowers of this type are large and borne most freely in massive trusses on strong, upright plants. Excellent for borders and beds as well as for cutting. **Mixed colors** only. Pkt. 25c.



Scarlet
Pkt. 15¢

Semi-Tall Giant Double, Mixed Colors

Wonderful array of colors from pale primrose through yellow, salmon-pink and salmon to deep maroon and mahogany. Many of the flowers are peculiarly variegated or blotched.

Pkt. 15¢; oz. 45¢; 2 ozs. 75¢; ¼ lb. \$1.35

Tall or Creeping

All Colors Mixed

For a colorful display of large, tall nasturtiums this mixture cannot be excelled. Splendid for trellises, verandas or wherever there is room enough for the plants to spread out in large beds or borders. May be trained upon string or wire.

Pkt. 10¢; oz. 35¢; 2 ozs. 60¢; ¼ lb. \$1.00

Dwarf or Bush

All Colors Complete mixture

Containing all the lovely colors and markings to be had in single nasturtiums, and in such proportions as to give a most beautiful effect in beds, borders or rock gardens; fine for cutting. Dwarf, free-blooming plants 1 ft. tall.

Pkt. 10¢; oz. 35¢; 2 ozs. 60¢; ¼ lb. \$1.00

GIANT PANSIES

Pansies always have been a great specialty with us and we are justly proud of our strains. Their wide range of colors, markings and forms, their easy culture, have made Burpee pansies universally popular. Pansies succeed best in fairly rich, well-drained soil in a sunny position, and produce their finest flowers in the cool, early days of spring. Keep flowers picked during the summer, plants pinched back, and you will get a nice lot of flowers again in the fall. Seeds may be sown outdoors when soil has become warm; for earlier blooms, start seed indoors or in a warm hotbed six to eight weeks before your usual outdoor planting time.

Mastodon Giants Mixed

Very large, nicely ruffled and crinkled blooms in many colors, ranging from white to deepest mahogany. Included in this remarkable mixture are also lavender, rose, cerise, purple, mahogany, yellow, red, and light blue shades. Compact plants with the flowers held well above the healthy, luxuriant foliage. Profuse blooming.

Pkt. 35¢; 2 pkts. 65¢; ¼ oz. \$1.25; ½ oz. \$2.25

Super Swiss Giants

Largest flowers in all the vivid, rare and most outstanding shades of blue, purple, red, bronze, yellow and primrose. We have also included some varieties marked with sunrays, blotches and bordered in contrasting hues that are so beautiful. Blooms are attractively waved and fluted; the texture is unexcelled. Highly recommended.

Pkt. 40¢; 2 pkts. 75¢; ¼ oz. \$1.35; ½ oz. \$2.50

Steele's Butterfly Hybrids. A strain mainly of pastel shades of pink, rose, apricot, buff, orchid, lavender, yellow, pale gold, orange, salmon, coral, and flesh, many overlaid with delicate bronze cast. Ruffled and marked with sun rays and blotches of butterfly sheen. Pkt. 50c.

HYBRID PETUNIAS

Hybrid petunias are really outstanding, each seed is produced by carefully controlled crossing by hand of two distinct parent lines. This is very costly but the resulting seed will produce a hybrid of extreme vigor, more uniform in growth, with larger flowers and considerably more of them per plant than either parent. We strongly urge that special care and attention be given to the sowing of the seed and the growing of the plants. Wonderful for beds, borders and excellent for cut flowers.

Pink Sensation

All-America Bronze Medal Winner

Plants are extremely vigorous, 2 ft. tall, as much as 4 ft. in width, and completely covered with flowers, 3 in. across. The color is light rose-pink with deeper pink veining extending well out toward the edges from the white throat which is finely etched with brown. A metallic lustre adds life and sparkle. Hybrid vigor is surely evident in this lovely multiflora hybrid petunia.

Pkt. (100 seeds) 50¢; 2 pkts. 95¢;
3 pkts. \$1.35; 1/128 oz. \$4.00

Comanche

All-America Bronze Medal Winner

The reddest of red petunias, an intense, fiery, vivid scarlet-red color which is retained for an unusually long time without fading. Flowers grow 2 1/2 in. across; plants 1 ft. tall, of uniform, bushy habit and extremely profuse blooming. Striking in beds and borders, especially in masses.

Pkt. (100 seeds) 50¢; 2 pkts. 95¢;
3 pkts. \$1.35; 1/128 oz. \$4.00

PETUNIAS GIANT FRINGED

Theodosia Large, deeply fringed rose-pink flowers with a clearly defined yellow throat veined purplish black; one of the finest of this group for color and dainty frilliness.

Pkt. 35¢; 2 pkts. 65¢; 1/128 oz. \$1.75

Giant Fringed, Finest Mixed In this blend we have included varieties of as many pleasing and different colors as possible. Many are self or solid; others attractively blotched or oddly variegated in contrasting shades. It is unsurpassed.

Pkt. 25¢; 1/128 oz. \$1.25; 1/64 oz. \$2.25

DWARF PETUNIAS

Dwarf Giants of California Magnificent large flowers in a wonderful range of colors are borne profusely on dwarf, compact plants of good habit.

Pkt. 35¢; 2 pkts. 65¢; 1/128 oz. \$1.75

Alldouble Victorious

Mixed Colors *All-America Silver Medal Winner.* Wonderfully fringed, big, double blooms, round and showy, in many fine colors and shades, including purple, pink, lavender, and red in addition to pure white. Many flowers show a combination of colors. Plants are dwarf, compact and free blooming. 12 to 15 in.

Pkt. 75¢; 2 pkts. \$1.40; 3 pkts. \$2.00; 1/128 oz. \$5.00

(Large Flowered Bedding)

Showy plants with long branches covered with blooms, 2 1/2 to 3 in. and more across. Equally as desirable for trailing from hanging baskets, porch and balcony boxes as for bedding. Seeds may be started indoors in shallow boxes, pots or seed-pans about six weeks before your usual outdoor planting time or they may be sown directly outdoors when the soil has become warm. 1 1/2 ft.

Mixed Colors Splendid blend of all colors to be found in the balcony class of large flowered bedding petunias. Excellent for massing in beds and wide borders; valuable material for porch boxes and cutting. A popular mixture.

Pkt. 15¢; 1/16 oz. 60¢; 1/8 oz. \$1.10; 1/4 oz. \$2.00

DWARF PETUNIAS



Dwarf Petunia, Fire Chief Pkt. 25¢

Cream Star *All-America Silver Medal Winner.* Soft creamy white star-shaped flowers; golden yellow toward throat.

Pkt. 25¢; 1/16 oz. 85¢; 1/8 oz. \$1.60

Fire Chief *All-America Gold Medal Winner.* The reddest dwarf petunia, the color deepening toward the throat. 2 1/2 in. across.

Pkt. 25¢; 1/16 oz. \$1.00; 1/8 oz. \$1.75

Rosy Morn Medium-size flowers of clear rose-pink with white throat. Perhaps one of the best known dwarf petunias.

Pkt. 15¢; 1/16 oz. 60¢; 1/8 oz. \$1.10

Special Mixture Included are blue, carmine, rose, ruby red, creamy white, soft salmon and silver blue—it is a beautiful blend of all these colors for a gorgeous showing in your garden.

Pkt. 35¢; 2 pkts. 65¢; 1/16 oz. \$1.00; 1/8 oz. \$1.75

BEDDING PETUNIAS

Flaming Velvet *All-America Gold Medal Winner.* Deep velvety mahogany-red with a satiny luster of scarlet.

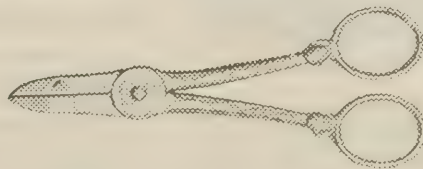
Pkt. 25¢; 1/16 oz. 85¢; 1/8 oz. \$1.60

Heavenly Blue Rich, clear ultramarine-blue flowers, 2 1/4 to 3 in. across.

Pkt. 20¢; 1/16 oz. 75¢; 1/8 oz. \$1.40

Special Mixture The best varieties of blue, crimson, white, cerise, salmon and golden rose bedding spreading petunias blended for a harmonious effect.

Pkt. 25¢; 1/16 oz. 85¢; 1/8 oz. \$1.50



Sturdily constructed of rustless, stainless cutlery steel. Each \$2.25, postpaid \$2.40

HARDY POPPIES

POPPIES, SHIRLEY

Papaver rhoeas

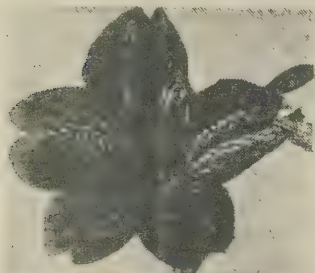
Poppies are charming subjects in the garden because of their brilliantly colored flowers and the freedom with which they are produced. They are easy to grow in ordinary soil exposed to the sun. 1½ ft.

Single Mixed Large single flowers with papery, silk-like petals in dainty tones of pink, salmon, apricot, terra cotta, etc.; many shaded and edged with other colors. Golden anthers and white centers enhance their beauty. Make a wonderful show.

Pkt. 10¢; ¼ oz. 45¢; ½ oz. 80¢

Double Hybrids Double and semi-double blooms in an almost endless variety of attractive colors. Many of the flowers are delicately suffused with a second tint, which adds so much to their appearance.

Pkt. 15¢; ¼ oz. 50¢; ½ oz. 95¢



Salpiglossis
Finest Mixed Pkt. 15¢

SALPIGLOSSIS, EMPEROR

Painted Tongue, Velvet Flower

Large Flowered Finest Mixed Gorgeously colored, trumpet-shaped flowers of velvety texture, the colors charmingly penciled, netted, and veined with golden yellow, crimson and purple. In bloom from July until frost. Prized for cutting. 2½ ft.

Pkt. 15¢; ½ oz. 45¢; ¼ oz. 80¢

SCARLET SAGE or SALVIA



Scarlet Sage, America Pkt. 25¢

Bonfire or Clara Bedman Dense, dark green foliaged plants of erect, globular growth producing their bright scarlet-red flowers in great profusion. Grow 2 ft. tall.

Pkt. 25¢; ½ oz. \$1.25; ¼ oz. \$2.25



California Poppy, Erect Mixed

PORTULACA

Rose Moss or Sun Plant

Double Portulaca

Flowers are like little roses. Seed saved from perfectly double flowers will produce some singles. As these usually bloom first, they can be removed if desired and a double flowering plant put in its place later. They are very easy to transplant.

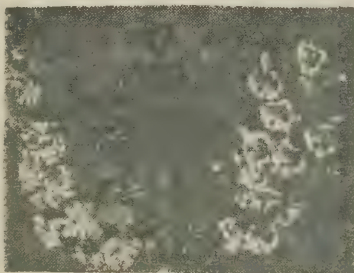
Double Mixed Lively blend of pink, red, salmon, white and yellow, some of which are striped with contrasting colors. A planting of this mixture, especially in masses, will give a display that is difficult to excel.

Pkt. 20¢; ½ oz. 75¢; ¼ oz. \$1.25

Single Portulaca

Mixed Colors Complete mixture of orange, red, white, buff and other shades. Effective in masses.

Pkt. 15¢; ¾ oz. 45¢; ½ oz. 75¢; ¼ oz. \$1.25



Schizanthus
Giant Hybrids Pkt. 25¢

SCHIZANTHUS—Butterfly Flower

Beautiful bushy plants with finely lacinated foliage and hundreds of butterfly-like flowers. For beds, borders and pot culture.

Giant Hybrids Very large blooms of many colors, prettily marked and blotched with contrasting colors. 2 to 2½ ft. tall.

Pkt. 25¢; ½ oz. \$1.00; ¼ oz. \$1.85



Iceland Poppy

Iceland Poppies

Exquisite Mixed This is an extra choice blend of the finest large-flowered varieties in a wide range of the most beautiful colors. Some flowers have attractively crinkled crepe-like petals.

Pkt. 15¢; ½ oz. 75¢; ¼ oz. \$1.40

CALIFORNIA POPPY, *Eschscholtzia*

The state flower of California and one of the most attractive low growing annuals. The foliage is finely cut, fern-like, and silvery green in color. They start to bloom a few weeks after the seed is sown. Height, 12 to 18 inches.

Ramona Hybrids. A new strain containing many lovely shades. The plants grow compact and upright, with flowers beautifully frilled. **Mixed Colors.** Pkt. 10c.



Double Portulaca, Mixed

SUNFLOWER—*Helianthus*

Beautiful plants for use as backgrounds or screens on account of their stately growth. Thrive in almost any soil exposed to the sun; bloom profusely until killed by frost.

2765 Chrysanthemum Flowered Golden yellow chrysanthemum-like, double blooms, 6 to 8 in. across, made up of thousands of small fringed petals forming a broad, thick flower of artistic appearance. The sturdy plants grow nearly 7 ft. tall.

Pkt. 10¢; ½ oz. 35¢; oz. 65¢

2762 Red Artistic flowers of chestnut-red, bright red, crimson, some tipped with yellow, others yellow suffused red. Flowers vary in coloring and in size. 5 to 6 ft. tall.

Pkt. 15¢; ½ oz. 50¢; oz. 95¢

SWEET WILLIAM

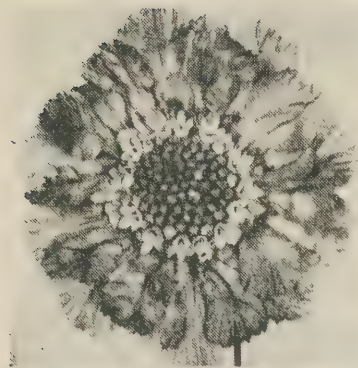
2755 Mixed Colors Many beautiful colors, some starred and mottled, others with clear white eyes. Grow as an Annual because plants will flower the first season if seed is sown early. They will live over winter, however, and last for several years. 15 in.

Pkt. 15¢; ½ oz. 60¢; ¼ oz. \$1.10

Wild Flower Garden

Mixed This is not a mixture of wild flowers but a selection of easy-to-grow annual flowers which will give a natural or wild effect in the garden, odd corners and vacant borders, with little attention.

Pkt. 25¢; oz. 75¢; ¼ lb. \$2.25



Scabiosa, House's Giant Hybrid.
Pkt. 25¢

SCABIOSA-

Succeeds in any fairly rich soil and a sunny location. June to September. 1½ to 2 ft.

Caucasica Soft shade of lavender.
Pkt. 25¢; ½ oz. 75¢; ¼ oz. \$1.40

Coral Moon. Rosy mauve-pink.
Pkt. 25¢; ½ oz. 75¢; ¼ oz. \$1.40

Blue Moon. Large violet-blue flowers.
Pkt. 25¢; 2 pkts. 45¢

Giant Hybrids Long stemmed giant flowers of various shades, ranging from the deepest ultramarine-blue to the palest lavender, azure-blue and silvery white mixed. Petals are ruffled.

Pkt. 25¢; ½ oz. \$1.00; ¼ oz. \$1.85

STRAWFLOWER



2840 *Helichrysum*,
Fire Ball Pkt. 15¢

HELICHRYSUM—Strawflower

Large, double flowers, often 2½ in. and more across, are borne profusely from mid-summer until fall. The most widely grown of all everlasting for winter bouquets and popular too as fresh cut flowers. 2½ ft.

Mixed Colors Carefully blended mixture of the above and other colors.

Pkt. 15¢; ¾ oz. 55¢; ½ oz. \$1.00

WALLFLOWER

Lovely sweet-scented flowers in oriental colorings of red, brown, mahogany and yellow.

Double Early Wonder Mixed Canary-yellow, golden yellow, brown and mahogany are the predominating colors. Blooms within five months. 1½ to 2 ft.

Pkt. 20¢; 2 pkts. 35¢

Single Mixed Creamy white, yellow, light brown, blood-red and mahogany sweet-scented flowers are quickly and profusely produced on 1 ft. stocky plants.

Pkt. 15¢; 2 pkts. 25¢

TITHONIA—Mexican Sunflower

Torch All-America Silver Medal Winner. Unlike Speciosa, plants are of compact, upright bushy form, 4 ft. tall, earlier and more profuse blooming. Flowers are fiery orange-red and quite spectacular.

Pkt. 25¢; ½ oz. 75¢; ¼ oz. \$1.40

DOUBLE LARGE FLOWERED STOCKS

Heavy spikes of handsome, fragrant flowers, like small rosettes, are produced in a wide range of soft and distinct shades. Fine for bedding, borders and cutting. For best results, sow seed indoors in shallow boxes or seed-pans 6 to 8 weeks before your usual outdoor planting time. Keep in a temperature of 65° F. or less from the time the seed is sown until the plants have made 8 leaves so that they will form buds. When plants are large enough to handle, pot them up singly and transplant to the garden when weather gets warm. Our strains produce a high percentage of exquisite, large, well-rounded double flowers.

Early Giant Imperial Stocks

Exquisite, well-rounded, large fully double blooms on long stems. Valuable for garden and greenhouse forcing. 2 to 2½ ft. tall.

Lavender Lovely clear shade.

Fiery Blood Red Vivid; intense.

Rose Fine deep rose-pink; popular.

Golden Rose Pleasing color.

Shasta Glistening snow white.

Any of the above Giant Imperial Stocks:

Pkt. 20¢; ½ oz. 75¢; ¼ oz. \$1.40

Mixed Colors All the above.

Pkt. 15¢; ½ oz. 70¢; ¼ oz. \$1.25

Dwarf Ten Weeks Stocks

Mixed Colors A favorite class, coming into bloom in about ten weeks after seed is sown. A mixture of all colors. Bushy, compact plants grow 15 to 18 in. tall.

Pkt. 20¢; ½ oz. 75¢; ¼ oz. \$1.40

Beauty of Nice Stocks

Mixed Colors Plants are of pyramidal branching form, 2 to 2½ ft. high, each branch a long spike filled with double, honey-scented flowers. Plants require 12 to 15 weeks to bloom after the seed is sown.

Pkt. 20¢; ½ oz. 85¢; ¼ oz. \$1.60



Early Giant Imperial Stocks

NEW GIANT

SWEET PEAS

Ruffled Sweet Peas

Bonnie Ruffles

Salmon-pink on rich cream ground.

Ruffled Blue

True blue with no purple undertones.

Pkt. 25¢; ½ oz. 75¢; oz. \$1.40

All Colors Mixed

Pkt. 25¢; ½ oz. 60¢; oz. \$1.00; ¼ lb. \$3.75

CUTHBERTSON

Light Blue

True Blue

Deep Blue

Lavender

Blush Pink

Salmon Pink on Cream

Rose

Rose Crimson

Scarlet Cerise

White

All Colors Mixed

Spring Flowering Sweet Peas:

Pkt. 25¢; ½ oz. 75¢; oz. \$1.35

TRITOMA—Red Hot Poker

Tall spikes topped by narrow, tubular flowers from pale yellow to orange-red. August to October. For border and cutting. Not reliably hardy in cold regions. 3 to 4 ft.

Choice Hybrids Unusual colors—citron, yellow, orange, coral-red, mixed.

Pkt. 25¢; ¾ oz. 75¢; ½ oz. \$1.40



heat resistant



All Colors Mixed

Pkt. 25¢; ½ oz. 75¢; oz. \$1.35;
¼ lb. \$4.00

VIOLA

Special Mixture All best colors.

Pkt. 25¢; ¾ oz. \$1.00

GIANT DAHLIA FLOWERED ZINNIAS

Dahlia flowered zinnias are outstanding both for the exquisite form of their long-stemmed flowers, which resemble giant dahlias, and for the lovely shades included in their range of color. They grow about 5 in. across and 2 in. and more in depth. The well-branched sturdy plants grow 3 ft. high and bloom most profusely over a long period. Showy in the garden; wonderful for cutting as flowers have remarkable keeping qualities. Pleasing and effective.

1 Canary Bird A most pleasing shade of primrose-yellow which combines well with the deep shades of Dream or Royal Purple. Popular.

Illumination Enormous flowers of deep tyrian rose—a real beauty, whether seen in the garden or as cut flowers. Sure to attract.

Oriole Attractive two-toned flowers—golden orange outer petals in contrast to a reddish orange center. Pretty blending; always admired.

Will Rogers Loveliest and most brilliant scarlet-red which glistens in the sun with dazzling beauty. Flowers grow larger than other dahlia flowered zinnias, fully double and borne profusely on long, strong stems. Makes a grand showing in the garden, wonderful for exhibition and of great appeal for cutting. General favorite.

All Colors Mixed

Any of the above Giant Dahlia Flowered Zinnias:

Pkt. 20¢; 1/8 oz. 60¢;

Exquisite Light rose with deeper rose center, creating a most pleasing two-toned color effect which is lovely for cutting and garden use.

Dream. Deep rose lavender.

Giants of California Zinnias

Immense double flowers, 5 to 6 in. across, of a distinctive shape that is most graceful and desirable. The overlapping petals are more loosely placed than in the dahlia flowered type of zinnia, and the flowers themselves are more flattened, being only about 1 in. in depth. Plants are vigorous, well-branched, grow about 3 ft. tall and produce many long, strong flower stems each crowned with a beautiful flower.

Daffodil Distinct shade of bright canary or daffodil-yellow that is extremely popular for cutting.

Enchantress Light rose with dark rose center. A truly enchanting two-toned color combination.

Golden Queen or Lemon Queen Soft lemon-yellow with a distinct golden yellow suffusion.

Lavender Gem Deep lavender, turning to a warm purple as the flower matures. A rare shade.

Purity Outstanding for its pure white color.

Rose Queen Clear rose-pink of great beauty. Popular shade for garden decoration and cut flowers.

Salmon Queen Salmon-rose flowers of a most delightful color for cutting and garden.

Scarlet King Glowing scarlet; much desired.

Violet Queen Wonderful shade of purple.

All Colors Mixed This mixture has been most carefully blended from above named varieties to insure a well-balanced display for garden and cutting.

Any of the above Giants of California Zinnias:
Pkt. 15¢; 1/8 oz. 45¢; 1/4 oz. 85¢

Pastel Shades Mixed Prepared from the most beautiful shades of pink, yellow, and lavender, with sufficient white to effect a perfect color harmony.
Pkt. 25¢; 1/8 oz. 70¢; 1/4 oz. \$1.25

PEPPERMINT STICK. UNLIKE ANY ZINNIA ON THE MARKET today! Peppermint Stick has a wide color range—red and white, red and yellow, pink and white, orange and yellow and purple and white. It is one of the best cut-and-come-again Zinnias. Blooms will be produced until frost if kept picked. Approximately 70% of the flowers are striped. Early. Mixed. Pkt. 15¢.

BLAZE All America Winner
Best New Flower for 1954

Blaze. (All America Winner for 1954.) Brilliant mandarin-red flowers changing to scarlet-orange as the flowers fully open. These beautiful flowers are borne on free blooming, uniform plants about two and a half to three feet high. Pkt. 35¢.



Persian Carpet Zinnia Pkt. 35¢

Persian Carpet Zinnias

Mixed Colors All-America Winner. Attractive, miniature flowers, 1 1/2 in. across, in a nice color range, the pointed petals tipped or bordered with a pleasing contrasting shade. A bed or border of these dwarf plants covered with their showy flowers produces a gorgeous display. Long lasting. 1 ft. Pkt. 35¢; 1/8 oz. \$1.00; 1/4 oz. \$1.75

Fantasy Zinnias

Mixed Colors All-America Silver Medal Winner. Shaggy, double, miniature cactus dahlia-like flowers, 3 to 3 1/2 in. across, composed of a mass of twisted, tubular petals in an unusual range of pretty colors. 2 ft. tall. Pkt. 15¢; 1/8 oz. 50¢; 1/4 oz. 95¢

DOUBLE LILLIPUT.

Double Mixed, All Colors Most charming double and semi-double blooms in a remarkable range of color blends and combinations. Rich in shades of yellow, orange, red, maroon, mahogany, some bordered and tipped creamy white or gold. Small, colorful blooms 1 to 1 1/2 in. across, are produced freely throughout the summer and fall. 1 ft. tall. Pkt. 25¢; 1/8 oz. 75¢; 1/4 oz. \$1.40

Zinnia linearis

Plants grow 1 ft. high and are covered with deep orange-yellow single flowers, 1 1/2 in. across, each petal having a narrow light yellow stripe down the center. Well-branched plants with narrow, pointed leaves. Pkt. 25¢; 1/8 oz. 75¢; 1/4 oz. \$1.40



2815
Lilliput Zinnias,
Mixed Colors
Pkt. 15¢

Lawn Seed, Fancy Grasses Field Seed



DUTHIE's Lawn Grass Seed

The best time to start your lawn, or to repair it, is during the cool weather of early spring or in early fall. The weather at these times is favorable for the development of domestic grass but unfavorable for most weeds and wild annual grasses. Why not plan now to

have a luxuriant lawn that will add so much to the beauty of your home? The Burpee leaflet, "L 20—How to Establish a Lawn," will be sent free upon your request. For new lawns, sow 1 lb. of grass seed to 200 sq. ft. of space; use 100 to 150 lbs. per acre.

Best All-Purpose Mixture, especially prepared from the highest quality seeds that can be produced. It makes a smooth, green, velvety lawn with a thick bottom, free from clumps. Only the very best fine-leaved and deep-rooted varieties of the most suitable grasses for making an even, thick mass of sod are used in this mixture. Sure to produce the best results under average conditions of soil and climate. A small quantity of white clover has been included; it helps to prevent the soil from washing.

1/2 lb. 95¢; 1 lb. \$1.80; 2 lbs. \$3.50; 5 lbs. \$8.50; 10 lbs. \$16.50; 15 lbs. \$24.00, prepaid
Not prepaid: 25 lbs. \$38.00; 50 lbs. \$74.50; 100 lbs. \$145.00

Finest, Treated Seed

The finest all-purpose lawn grass seed mixture money can buy treated with Arasan and Rootone. Dupont's Arasan protects seed from seed decay, damping-off, blights and root rots. Rootone, a root stimulating hormone, helps to develop a quicker, heavier, thicker, drought-resistant turf the first season. A small quantity of white clover is included.

1/2 lb. \$1.00; 1 lb. \$1.90; 2 lbs. \$3.70; 5 lbs. \$9.00; 10 lbs. \$17.50; 15 lbs. \$25.50, prepaid
Not prepaid: 25 lbs. \$40.50; 50 lbs. \$79.50; 100 lbs. \$155.00

Shady Nook

A specially prepared mixture suited for planting under shade trees or in shaded corners where grass usually does not thrive.

1/2 lb. 95¢; 1 lb. \$1.75; 2 lbs. \$3.40; 5 lbs. \$8.25;
10 lbs. \$16.00; 15 lbs. \$23.25, prepaid
Not prepaid: 25 lbs. \$36.75; 50 lbs. \$72.00; 100 lbs. \$140.00

Terrace Sod

Burpee's Terrace Sod is a blend of the best of such grasses, which are deep rooted, or have strong, spreading roots to withstand drought and hold the soil firmly and prevent it from washing away.

1/2 lb. 95¢; 1 lb. \$1.75; 2 lbs. \$3.40; 5 lbs. \$8.25;
10 lbs. \$16.00; 15 lbs. \$23.25, prepaid
Not prepaid: 25 lbs. \$36.75; 50 lbs. \$72.00; 100 lbs. \$140.00

Putting Greens

Composed entirely of Bent Grasses with a preponderance of Creeping Bent. It makes a smooth, even turf that will withstand frequent close cutting and intense tramping.

1/2 lb. \$1.05; 1 lb. \$1.95; 2 lbs. \$3.80; 5 lbs. \$9.25;
10 lbs. \$18.00; 15 lbs. \$26.50, prepaid
Not prepaid: 25 lbs. \$41.75; 50 lbs. \$82.00; 100 lbs. \$160.00

White Dutch Clover

Gardeners who prefer an extra heavy growth of clover in their lawn should add this at the rate of 4 ozs. to every 2 lbs. of grass seed. It is advisable to sow separately in order to effect a better and more even distribution.

1/4 lb. 45¢; 1/2 lb. 85¢; 1 lb. \$1.50; 2 lbs. \$2.80;
5 lbs. \$6.75; 10 lbs. \$13.00, prepaid

GRASSES FOR SPECIAL PURPOSES—ALL PREPAID

RED TOP GRASS Rapid growing. Does well on a variety of soils and conditions. Creeping habit of growth; perennial.
1/2 lb. 95¢; 1 lb. \$1.75; 2 lbs. \$3.40;
5 lbs. \$8.25; 10 lbs. \$16.00

ENGLISH RYE GRASS Excellent "nurse" grass for pasture, meadows and lawn. 1/2 lb. 35¢; 1 lb. 65¢; 2 lbs. \$1.20;
5 lbs. \$2.75; 10 lbs. \$5.00

RED OR CHEWINGS FESCUE Excellent for sowing on sandy soil; does well in shaded places. 1/2 lb. \$1.05; 1 lb. \$1.95;
2 lbs. \$3.80; 5 lbs. \$9.25; 10 lbs. \$18.00

KENTUCKY BLUE GRASS For lawn and pasture. 1/2 lb. \$1.50; 1 lb. \$2.75;
2 lbs. \$5.40; 5 lbs. \$13.25; 10 lbs. \$26.00

SEASIDE BENT Ideal for lawn and moist situations. 1/2 lb. \$1.35; 1 lb. \$2.60;
2 lbs. \$4.90; 5 lbs. \$11.75; 10 lbs. \$22.50

DOMESTIC RYE GRASS An excellent "nurse" grass where a quick growth is wanted. 1/2 lb. 30¢; 1 lb. 50¢; 2 lbs. 95¢;
5 lbs. \$2.15; 10 lbs. \$4.20

For larger quantities of Grass Seed, write for special prices.



Treated

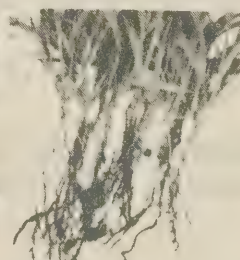


Untreated

Du Pont
Arasan
Treated
Alfalfa
Grass



Treated



Untreated

FIELD SEEDS

Write for Our Competitive Prices

DUTHIE'S V-8 ALFALFA

V- For Vigor

8- Reasons for Good Seed.

Buy Field Seed Early Is Advice to Farmers

What Makes Good Seed

1. Adapted variety
2. High yield records
3. High quality of crop
4. High seed purity
5. Small total weed seeds
6. Freedom from noxious weeds
7. High germination
8. Freedom from diseases

Everyone knows the biblical warning against building a house on sand, also the folly of spending money on the materials that go into a house and trying to save on a cheap foundation.

But do farmers realize that the same principle applies to the purchase of seed for planting? Good stands of grasses, clovers and other crops come only from good seed.

For 1955 the total supply of 26 important legume and grass seeds is about 14 per cent less than last year and a tenth below the 1943-52 average.

Of the one billion pounds of these about 700 million are those most likely to be sown in the spring, and this is only 7 per cent less than last year and nearly equal to the 10-year average.

Hot, dry weather in many seed-producing sections reduced the harvest but fortunately elsewhere yields were above average. Because of generally favorable weather for harvesting, the quality of the 1954 seed crops is fairly good to good.

Current prices of 11 out of 18 seeds in this spring-sown group are higher than a year ago and than average, and 7 are lower.

Legume and Grass Seed for 1955

Total Supply* for 1955
Compared With—

10-year
Last Year Average

Legume Seeds

Alfalfa	2% more	2 times
Red clover	28% less	22% less
Alsike clover	18% less	6% less
Sweet clover	Same	6% less
White clover	27% less	27% less
Ladino clover	21% less	3½ times
Lespedeza	3% less	56% less

Grass Seeds

Timothy	3% larger	43% less
Orchardgrass	34% less	2% less
Redtop	17% less	79% less
Bluegrass	2 times	13% less
Tall fescue	15% less	3½ times
Sudangrass	27% less	6% less
Bromegrass	22% more	63% more
Crested Wheatgrass	24% more	44% less
Red fescue	70% more	4½ times
Chewings fescue	42% more	3 times

DUTHIE'S V-8 ALFALFA, Hardy north-western grown generally of common, Grimm, Ladak and Cossack Strains, but not certified.

1 lb. \$1.00 Postpaid

GRIMM ALFALFA, Old favorite hardy certified.

1 lb. \$1.10 Postpaid

BUFFALO ALFALFA, Hardy growing. Recovers quickly after cutting, wilt resistant, certified.

1 lb. \$1.15 Postpaid

RANGER ALFALFA, Wilt-resistant, winter hardy for northern areas. Certified.

1 lb. \$1.10 Postpaid

LADAK ALFALFA, For hardiness and disease resistance, certified.

1 lb. \$1.10 Postpaid

WRITE FOR QUANTITY PRICES

CLOVERS

SWEET CLOVERS

Yellow-Blossom—a hardy, cold and drought resistant sweet clover. A good producer of good hay. 1 lb. **postpaid 45c.**

White Blossom—tall, late sweet clover. Not quite as hardy as the yellow. 1 lb. **postpaid 45c.**

Mixed—good for hay, but not pure enough to pass as yellow or white. 1 lb. **postpaid 45c.**

RED CLOVER (*Trifolium pratense*). Is excellent for pasture and hay purposes. Will thrive in slightly wetter and more acid land than alfalfa. Is used in the higher altitudes and colder sections. Sow 6 to 10 lbs. per acre.

1 lb., **\$1.05, postpaid.**

ALSIKE (*Trifolium hybridum*). Very hardy, adapted for sowing on cold, wet land. It yields a large amount of hay or pasture and is a good bee plant. Sow 8 to 10 lbs. per acre.

1 lb., **80c, postpaid.**

LADINO WHITE CLOVER. Is a very large form of clover, usually making a growth of 8 to 2 inches. A perennial. The stems lie flat on the ground and commonly root at the joints. Can be grown on rather shallow land where well supplied with humus and moisture. Medium heavy types of soil. Sow 4 to 6 lbs. per acre.

1 lb., **\$1.00, postpaid.**

WHITE DUTCH CLOVER (*Trifolium repens*). A very hardy creeping clover, which adapts itself to a great variety of soils and climates. Superior for pasture either for sheep or cattle. As a bee pasture it is unexcelled. Sow 6 to 8 lbs. per acre. 1 lb., **\$1.65, postpaid.**

WRITE FOR QUANTITY PRICES



Add 8c per package for postage.

AB for alfalfa and clovers, 1 bu. size, 55c.

GRASSES

Alta Fescue. Long lived, hardy, heavy forage grass, stays green during dry periods because of deep rooting system and adapted to wide range of climatic and soil conditions. 16-20 pounds per acre.

1 lb., 65c, postpaid.

Bromus inermis (Awnless Brome Grass). Excellent grass for the Northwest. Sow 25 to 30 pounds per acre.

1 lb., 75c, postpaid.

MANCHAR BROME, Certified--
Improved strain of Brome Grass. Postpaid, 1 lb 90¢

Perennial Rye Grass. A strong growing, hardy perennial grass, noted for its nutritive qualities. 25 to 30 lbs. per acre.

1 lb., 70c, postpaid.

Common Rye Grass. Annual similar to Italian, excellent spring and fall pasture. Sow 20 to 25 pounds per acre.

1 lb., 65c, postpaid.

Crested Wheat Grass. Valuable for the West and thrives well in semi-arid sections, too. Sow 10-15 pounds per acre.

1 lb., 70c, postpaid.

Orchard Grass or Cocksfoot. Valuable alone or mixed with other grasses. Broadcast seed at the rate of 20-28 pounds per acre on well prepared soil.

1 lb., \$1.00, postpaid.

ORCHARD GRASS, S-143, A improved strain of Orchard grass. lb. Postpaid \$1.25

Kentucky Blue Grass. This is an excellent grass for pasture for all kinds of stock. It is very hardy. Sow 20 to 25 lbs. per acre.

1 lb., \$1.60, postpaid.

Reed Canary. A heavy yielding wet land grass. Good for hay, pasture and silage. Long lived. 12-16 pounds per acre.

1 lb. postpaid 80c.

Tualatin Meadow Oat Grass. An improved tall meadow oat grass.

1 lb. postpaid 90c.

Timothy. Very valuable for hay. Thrives best on moist, loamy soil. Sow early in the spring or fall. 8-10 pounds per acre.

1 lb., 70c, postpaid.

Sudan Grass. An excellent annual drought resisting forage plant. All stock relish it. Sow in spring. 25 to 35 pounds per acre.

1 lb., 65c, postpaid.

SWEET SUDAN, Sweeter strain of Sudan. Postpaid, 75¢ lb.

WRITE FOR QUANTITY PRICES

Arasan.

IT PAYS TO TREAT
YOUR SEED!



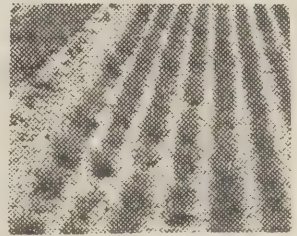
Protects corn, grasses, legumes, and many vegetable seeds from seed borne diseases and damping off. Postpaid, ¾ oz., 28c; 8 oz., \$1.20.

Betters Grass Stands

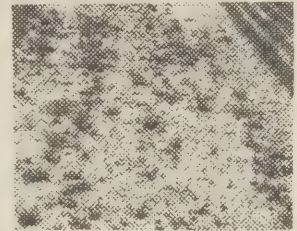
Much high quality grass and clover seed is wasted because of failure to obtain stands under conditions that appear favorable.

Drilling of grass and clover seed at a depth of one-fourth inch and placement of fertilizer in bands one inch below the seed, with the soil packed over the seed, may be an answer to the problem of making better use of our seed supply.

Tests are under way to develop better methods of planting these crops, by the U.S.D.A. at Beltsville, Maryland. The first season's results, as reported in CROPS AND SOILS by R. E. Wagner and W. C. Hulburt, were decidedly favorable to such precision placement of both seed and fertilizer.



Stand when fertilizer is 1 inch below seed.



Poor stand where seed and fertilizer were broadcast same rates.

S E E D G R A I N S

RYE

PROLIFIC SPRING RYE, A large good yielding popular variety. 1 lb. 50¢ Postpaid

SOVIET WINTER RYE, Hardy new Rye, good yielding. 1 lb. 50¢ Postpaid

SEED OATS

MARKTON OATS, Popular variety of Oats. 1 lb. 50¢ Postpaid

SEED BARLEY

TREVI SPRING BARLEY, Large high yielding spring barley. 1 lb. 50¢ Postpaid

BEARDLESS SPRING BARLEY, Desirable for hay. 1 lb. 50¢ Postpaid

SEED WHEAT

IDAED SPRING WHEAT, Popular for spring-seeding. 1 lb. 50¢ Postpaid

MILLETS

PROSO, WHITE MILLET, Also called Broom Corn. 1 lb. 75¢ Postpaid

FLAX SEED

WESTERN GROWN FLAX SEED, Heavy yielding Flax Seed. 1 lb. Postpaid 65¢.

WRITE FOR QUANTITY PRICES ON ALL
GRAINS AND SEEDS.

HYBRID SEED CORN

Again in 1955 . . . MORE
FARMERS WILL PLANT
MORE HYBRIDS
THAN EVER BEFORE!

Rapid Growth,
Disease Resistance
Insect Resistance
Drouth Resistance
Standability



Hybrid

HYBRID DENT FIELD CORN

IDAHYBRID 330, A 90 day early dent hybrid field corn for high altitudes. Used for ensilage and grain. Can also be used for delayed plantings in long season areas. Postpaid 1 lb. 65¢; 50 lbs. FOB Lewiston, \$12.50.

IDAHYBRID 544, A 105 day early dent corn, utility hybrid. No other hybrid attained the impressive preformance record of 544 for grain or ensilage on irrigated farms. 1 lb. Postpaid 65¢; Not Postpaid 35¢ 50 lbs FOB Lewiston \$12.50.

IDAHYBRID 680, A 112 day 114 in tall ensilage hybrid corn, produces tall stocks and long ears. 680 is the basic part of many programs. 1 lb. 65¢ Postpaid. FOB Lewiston 1 lb. 35¢; 50 lbs \$12.50.

GARDEN ACCESSORIES

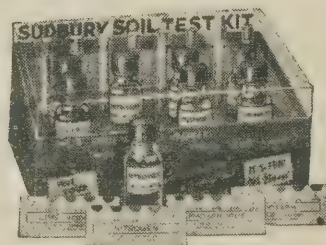


Cyclone Seeder. An old favorite, and still the best of the hand broadcasting seeders. For grains, grasses, clovers, onions, and rutabagas, as well as many others. Postpaid, \$5.00. \$4.40.



Ground-Soaker

12 ft. long, \$2.00
30 ft. long, 4.15
50 ft. long, 6.50



Sudbury Soil Testing Outfits

Have outstanding success with everything you grow—find out what is wrong with your soil. Easy to use instructions—no knowledge of chemistry needed—as simple as reading a thermometer. Shows the right plant foods to put on every part of your garden. Results of tests are apparent immediately.

'Home Gardener's Kit. . . . 3.20
Popular Garden Model. . . . 6.15
Horticultural Model. . . . 15.35
Super De Luxe Model. . . . 30.50

Handy Speedy PLANT TIE TWIST-EMS

Strong, dark green "invisible" tapes with wire reinforcing—protect stems, speedily and permanently support annuals, perennials, vines, shrubs, and vegetables.



Box of 200, 4-inch size. \$.25
Box of 100, 8-inch size.25
Box of 100, 16-inch size.50
Pkg. of 50, 8-inch size.15
Pkg. of 35, 8-inch size.10
250 ft. continuous roll. 1.00

New Weatherized

Trellis Netting TRAIN-ETTS

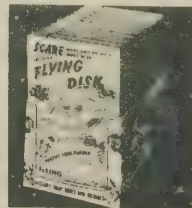
Ideal support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES. Hung in 5 minutes. Doesn't rot like string, nor burn tendrils like wire.

60x72-inch. . . 65c 60x96-inch. . . 85c 60x180-inch. . . \$1.25



FLYING DISK

Shiny, whirling disks of aluminum—to scare birds and animals away from planted areas, berries, trees, etc.



Pkg. of 10 Flying Disks, 25c

The "WEEDONE WAY" to Easier, Happier Gardening

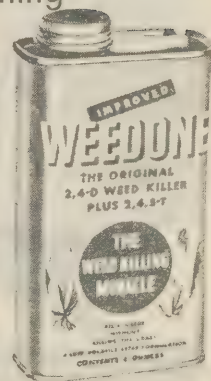
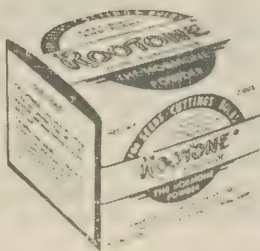


WEEDDUST . . . 2,4-D in Powder Form
Ideal for spot treatment of lawn weeds. 12-oz. shaker canister, \$1.

ROOTONE with Fungicide
The hormone powder to grow cuttings from favorite plants—indoors or outdoors. Trial packet 25c; 2-oz. jar \$1.

FRUITONE
For bigger, more luscious tomatoes, limas, string beans. Spray on buds at blossoming time. Trial packet 25c; 2-oz. canister \$1.

TRANSPLANTONE
Gives flower and vegetable seedlings a magic head start. Trial packet 25c; 3-oz. canister \$1.

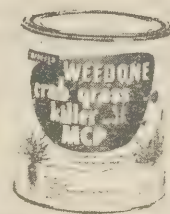


Improved WEEDONE . . . the Miracle Weed Killer
The original weed killer, containing 2,4-D and 2,4,5-T. Kills over 100 weeds and woody plants. 8-oz. can \$1; 1-qt. can \$2.75; 1-gal. can \$6.75.

Plastic Weedone Applicator.
Non-scratch plastic construction. Cap fits any screw-top gallon jug.



Improved WEEDONE Crab Grass Killer
Now contains potassium cyanate and the powerful MCP. Kills crab grass, chickweed and broadleaf weeds at same time. 6½-oz. can \$1.25; 26-oz. can \$3.75; 6-lb. can \$9.70.



The Right Weed Killer For Every Purpose

WEEDONE CONCENTRATE 48 — the ethyl ester formulation. Contains 3 lbs. 2,4-D acid equivalent per gallon. The world's No. 1 selective 2,4-D weed killer. For use in corn, small grains and other crops. Consistently more effective than the salt formulations in treating perennial weeds and annuals in late stages of growth, during dry weather and under other adverse conditions. Sticks rain or shine. Mixes with any quantity of water or oil for ground or airplane application. Requires lower amounts of acid per acre than salts for equal results.

Gal. \$4.15; 5gal. \$19.75; 30gal. \$112.50; 52gal. \$190.36

WEEDONE LV 4 — butoxy ethanol ester formulation. Contains 4 lbs. 2,4-D acid equivalent per gallon. This low volatile product has all the outstanding weed-killing qualities of WEEDONE CONCENTRATE 48 plus the fact that it does not give off vapors that damage nearby susceptible plants such as tomatoes. Especially recommended for use in corn and grains in areas where mixed farming makes vapor damage a problem.

Gal. \$6.51; 5gal. \$31.35; 30gal. \$181.50; 52gal. \$309.92

WEEDONE AERO-CONCENTRATE 96 — a 2,4-D ethyl ester formulation for airplane use. Contains 6 lbs. 2,4-D acid equivalent per gallon. Mixes with oil at any dilution. Will not emulsify with water. 30gal. Drum \$190.50; 52gal. Drum \$326.04

WEEDAR 64 — alkanolamine salt formulation. Contains 4 lbs. 2,4-D acid equivalent per gallon. A water soluble formulation for treating small annual weeds that are actively growing. Easier on crops than ester formulations. Will not injure adjoining crops except in case of drift. Recommended for pre-emergence spraying.

Gal. \$4.43; 5gal. \$21.00; 30gal. \$119.70; 52gal. \$203.32

WEEDONE BRUSH KILLER 32 — the original low volatile butoxy ethanol ester formulation. The greatest brush and weed killer ever offered. Contains 1½ lb. 2,4-D and ¾ lb. 2,4,5-T acid per gallon. No vapor injury to nearby susceptible plants. Kills over 100 woody plants as well as thistles, knapweed and other perennial weeds without killing the grass.

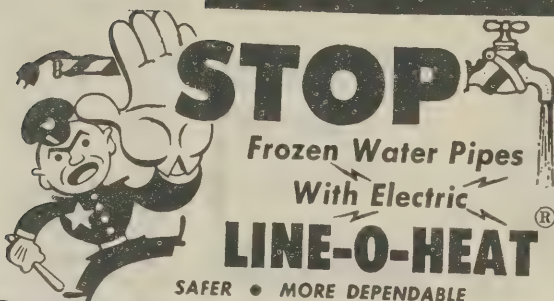
8oz. \$1.49; Qt. \$3.75; Gal. \$7.95; 5gal. \$37.75

WEEDONE 638, A very effective spray for control of Russian-knapweed, Morning Glory, cattails, tulies and Russian thistles in dry land areas. Use of this spray is increasing.-- Mix with 150 to 300 gal. of water. Price per gal.----\$9.00

ALL PRICES F.O.B. Lewiston, Idaho

D
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CO

Automatic WATERING FOUNTAIN



SAFER • MORE DEPENDABLE

WARM WATER FOR HOT PROFITS!

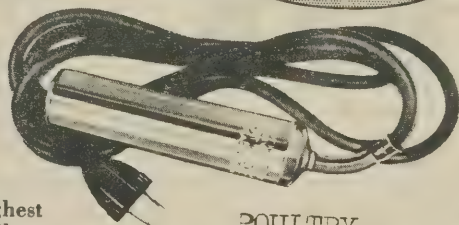
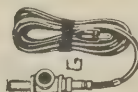
CAN STAND ABUSE AND STAY IN USE!

Keeps water running even at -50°. Toughest. Best. Easy to use: wrap around pipe, secure with tape, plug in. Guaranteed. 3 to 60 ft. Priced from \$2.45.



Automatic WATERING FOUNTAIN

Best on market. Only one with no-freeze protection to 0°. Fault-free, rust-proof. Fountain (guard included): \$6.95. Heater: \$4.95. Both only \$11.20.



POULTRY Water Warmer Automatic

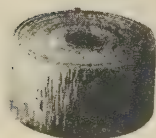
No. 7050 — 70 watts, Each \$4.50
No. 15050 — 150 watts Each \$5.55
No. 25050 — 250 watts Each \$6.30

Line-O-Heat is constructed of the highest quality materials throughout. A heater wire is spiraled on a "Fiberglas" core, over which is placed a double reverse wrapping of "Fiberglas". This "Fiberglas" encased heating wire assembly is then covered with a high-temperature, vinyl plastic jacket which is the best obtainable combination of moisture resistance and low temperature flexibility. Line-O-Heat is designed for maximum safety against shock and fire hazards and is not adversely affected by oils, greases, mild acids or alkalies. **YOU CAN DEPEND ON LINE-O-HEAT. IT WILL LAST FOR YEARS.**

Cat. No. LHT3	3 feet	15 watts	Price Each \$2.45
Cat. No. LHT6	6 feet	30 watts	Price Each 2.95
Cat. No. LHT12	12 feet	60 watts	Price Each 3.95
Cat. No. LHT20	20 feet	100 watts	Price Each 4.45
Cat. No. LHT40	40 feet	200 watts	Price Each 7.45
Cat. No. LHT60	60 feet	300 watts	Price Each 9.45

Line-O-Heat (Loop) is extremely strong, moisture-proof, durable, and can be used over and over again. Packed separately **WITH INSULATION**:

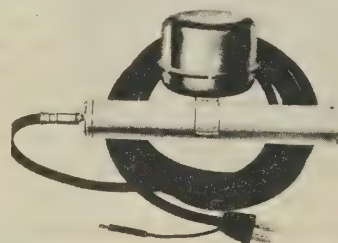
Cat. No. LH6	Protects up to 3 ft. of pipe, 15 watts	Price Each \$1.45
Cat. No. LH12	Protects up to 6 ft. of pipe, 30 watts	Price Each 2.25
Cat. No. LH24	Protects up to 12 ft. of pipe, 60 watts	Price Each 3.45



Insulation Keeps the Heat On the Pipes.

Cat. No. W1-20 — 20 feet long Price Each \$0.30

STOCK TANK WARMER



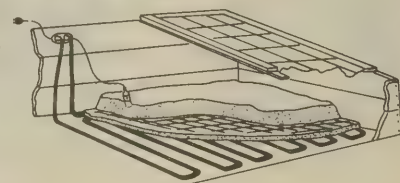
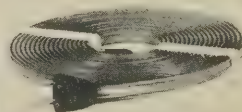
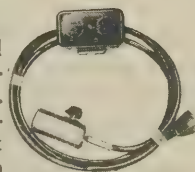
500 WATTS
NO. FG50050 PRICE \$10.90

WITHOUT FLOAT

500 WATTS
NO. G50050 PRICE \$9.60

Smith-Gates combines its Line-O-Heat and Adjustat to make up Soil Warming Kits. Electrically heated beds can be used to start vegetables and flower varieties weeks before they can be sown outdoors. Electrically heated beds can be converted to cold frames for hardening plants by setting Adjustat to a lower degree, or if weather is not too severe, by disconnecting Line-O-Heat. For further information write for Soil Warming Bulletin No. SW3 1-54-1.

Cat. No.	Bed Area	Contents	Watts	Shpg. Wt.	Price Ea.
SHK8	8 sq. ft.	2 LH24, 1 TSA1035	120	2 lbs.	\$11.95
SHK12	12 sq. ft.	1 LHT40, 1 TSA1035	200	2 lbs.	13.25
SHK18	18 sq. ft.	1 LHT60, 1 TSA1035	300	3 lbs.	15.25
SHK36	36 sq. ft.	2 LHT60, 1 TSA1035	600	4 lbs.	24.75



GARDEN NEEDS



NITRAGIN Inoculation Prices.

When Ordering, ALWAYS State Name of Seed

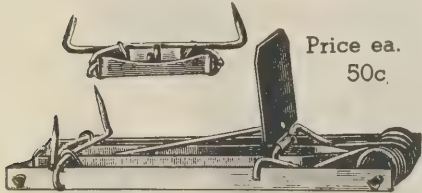
ALFALFA AND CLOVERS		BIRDSFOOT Trefoil—	
Size	Retail	Broadleaf and Narrowleaf	
1 bu. ea.	\$.55	4 lb. ea.	\$.15
2 bu. ea.95	1/2 bu. ea.40

BEANS—Navy, Pinto, Wax, String, Kidney, Gr. Northern

Size	Retail	GARDEN SIZE Garden Peas and Beans Sweet Peas, Lupines, Lima Beans and Edible Soybeans
1 bu. ea.	\$.55	Enough for 8 lbs. seed Retail Price 15c each.

VICTOR GOPHER TRAPS

Sturdy and rugged construction. Simple to set; swift to release. Used by U.S. Government Agencies.



Price ea.
50c



Pkg. of 24 35¢

MOON SIGN BOOK



Price \$ 1.25
FOR YOUR GARDEN AND YOURSELF

Customers recommend this Popular Daily Guide as the best book on this subject—Get in Harmony with Nature—It pays! A mine of helpful information.

GRASS BARRIER

Packaged 40 ft. in carton with clips and instructions. Easy to install.

40 ft. \$4.98



USE ONLY



LISTED
IN OUR
CATALOG



Germaco Hotkaps

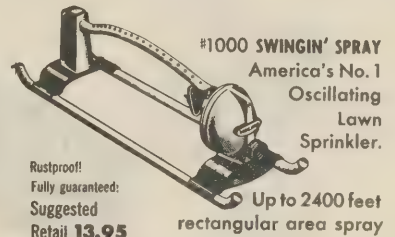
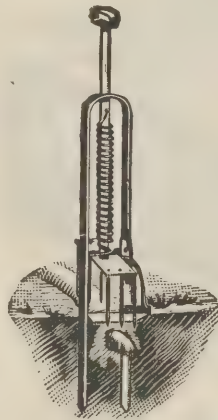
Ideal Method of Plant Protection

Excellent to protect early plants or seeds against frost, rain, wind and insects. Maintain perfect mulch, promote sturdy growth, increase yield and bring crops to maturity 2 to 3 weeks earlier. Inexpensive to buy. Easy to set out; directions on package. Really an individual hothouse for every plant. Made of waxed paper.

—Home garden size contains 25 Hotkaps and a paper setter for only \$1.20;
—100 Hotkaps for \$3.50;
—250 for \$6.50

The 100 and 250 packages contain a fibreboard setter

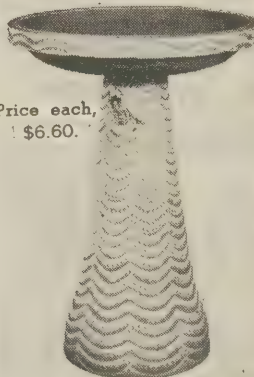
MOLE TRAPS, improved Reddick, with patented setting attachment, retails at \$2.35 each



Rustproof!
Fully guaranteed:
Suggested
Retail **13.95**

Up to 2400 feet rectangular area spray

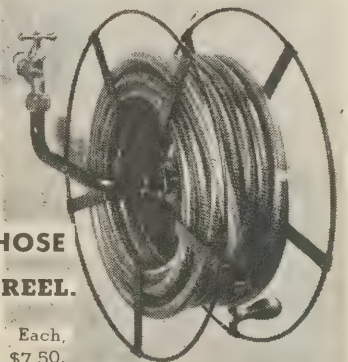
BIRD BATH



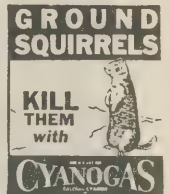
Price each.
\$6.60.

HOSE REEL.

Each.
\$7.50.



CYANO GAS
(A Dust)



Kills moles, rats, mice yellow jackets, ants, etc.

Ant size, 50c; 1 lb., \$1.25
5 lbs. \$ 4.25 25 lbs. \$13.75

PYRAMID

Complete Only. \$7.95

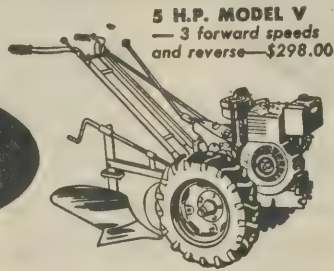


SIMPLICITY GARDEN TRACTORS FOR 1955

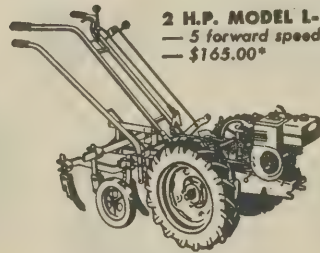
America's NO. 1 Line of Garden Tractors and Implements



Simplicity
REG U.S. PAT. OFF.



5 H.P. MODEL V
— 3 forward speeds
and reverse—\$298.00



2 H.P. MODEL L-1
— 5 forward speeds
— \$165.00*

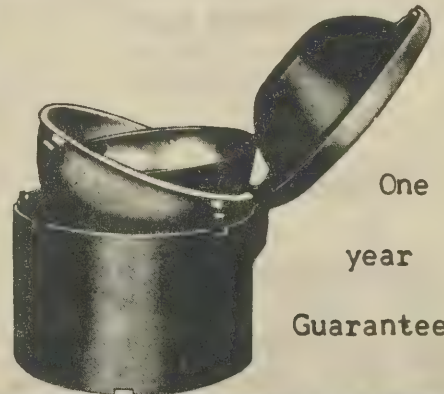
WRITE
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PRICES
AND
INFORMATION
ON
ATTACHMENTS

WE HAVE AN ATTACHMENT FOR EVERY JOB



NELSON
automatic WATER BOWL

BEST FOR LIVESTOCK!
BEST FOR YOU!



One
year
Guarantee

THE YEAR 'ROUND
LIVESTOCK WATERER
THAT'S . . .

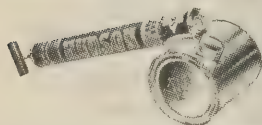
- Trouble-free — nothing corrosion can stick or stop
- Built to last — stainless steel and aluminum alloys
- Low operating cost— heats a bowlful, not a tankful
- Easily installed



Each unit has 100 watt heating element automatically controlled.

One bowl takes care of up to 25 head Cattle --- Priced \$46.50
Postpaid -\$47.50 Each Unit complete with automatic heater.

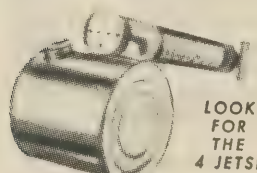
SPRAYERS and DUSTERS



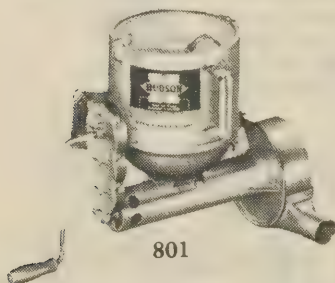
Hudson No-Drip® Sprayers. Perfect for all home uses. No mess or dripping. 2 models: Fog (pt.); 70¢
Misty (qt.). 85¢



2-Spray® Continuous Sprayer. Fine or coarse spray at flick of finger. 24 oz. glass tank; \$2.75 each

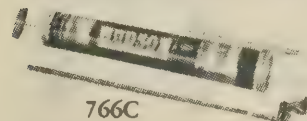


Hudson Nebulizers.* 4-Jet Nozzle for more killing power. 1/2-pint, 50¢; quart 90¢



Hudson Roto-Power® Duster. Lightest turning crank operated duster ever made. Ball and Oilite bearings. Positive felt regulation. Light weight, all aluminum.

Roto-Power Duster. \$25.00



Admiral® Duster. Uses any powder pesticide. Adj. nozzle. Holds 1 qt. **Admiral Duster, Each \$2.90**



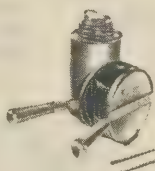
219B

Hudson Trombone Sprayers. Favorites with farmers, growers, gardeners for quick, easy, high pressure spraying from bucket. Any spray from fine mist to long distance stream.
Trombone, \$10.60
Trombone, Jr. \$6.55



HUDSON Weed-Shooter*

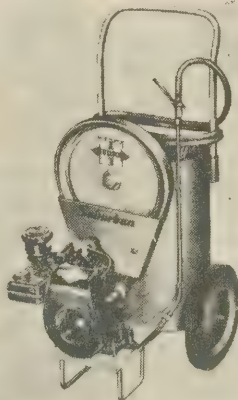
For spot-spraying lawn weeds. Easy as 1-2! Place on weed, press plunger. Discharges spray on weed only—ideal for new lawns, along flower borders.



HUDSON Dusquik® Duster

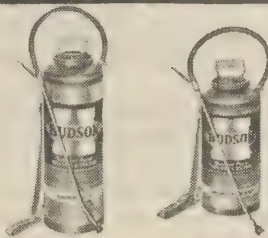
82
Light and so easy to use. Dusts in a steady cloud or short puffs, as you wish. Extension with swivel nozzle places dust right where wanted. Holds 2 lbs.

Dusquik Duster, \$9.35



Hudson Suburban 10-gal. Power Sprayer

Heavy-gauge galvanized steel welded tank with 5 & 10 gal.
1010 Suburban, \$140.25
1010E Same as 1010 with 1/2 h.p. Electric Motor \$140.25



Hudson Saf-T-Lok® Sprayers. Fine quality budget priced sprayers for small home dwellers. Prime quality materials. Easy working pumps.

3 1/2 Gallon Booster \$9.40

Brass Pump.....

3 Gallon Bugwiser \$8.60



Hudson Favorite® Sprayer. Finest, lightest 1 3/4-gal. home sprayer. New Saf-T-Lok for easy sealing, safer opening. 5-spray nozzle—extra fine to long distance. 5-ft. plastic hose.

Favorite \$11.50



Hudson Simplex® Sprayers. Leak-proof—cover seals from within—the higher the pressure, the tighter the seal. Galvanized or stainless steel; 4, and 3 gal.

Perfection \$18.65

Hudson Knapsack Sprayers. Provide continuous high pressure for spraying jobs on farm, gardens, estates.

377A SpraZit, \$34.25

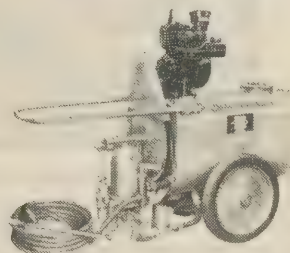
WRITE
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HUDSON

POWER

SPRAYER

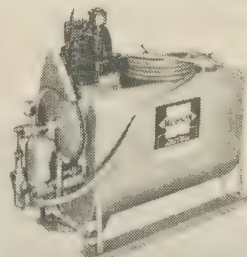
BOOMS



43015

Hudson Matador® Power Sprayer. For farm, estate, growers. 250 lbs. pressure. 3 to 4 g.p.m. Cushion tired disc wheel. 15 or 30 gal. tank. Oil and chemical-proof hose.

15 Gallon, \$223.00



Hudson Peerless® Power Sprayer. 30, 50, 100 or 150 gal. tank. Pressures: 250, 400 or 700 lbs. Pump capacity 4 or 8 g.p.m. Skid-mounted or pneumatic-tired models.

86165 Peerless, 150 Gallon, \$521.00
43105 Peerless, 100 Gallon, \$334.40
43055 Peerless, 50 Gallon, \$294.95

GUNS & ACCESSORIES

BROOD CHICKS AND POULTS WITH INFRARED LAMPS

No. 11 IDEAL Brooder. One-lamp type with guard (no lamp). 1 in carton, 2 lbs. Price, each, \$1.95

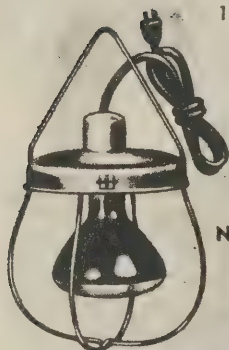
No. 317 IDEAL Brooder. 3-lamp type (no lamps). 1 in carton, 4½ lbs. Price, each, \$6.25

No. 417 IDEAL Brooder. 4-lamp type with thermostat and switch (no lamps). 1 in carton, 5½ lbs. Each, Price \$9.00

No. 517 IDEAL Brooder. 4-lamp type with guard, thermostat and switch (no lamps). 1 in carton, 8 lbs. Price each 13.35

No. 11

No. 690 IDEAL Brooder. 6-lamp type with guard, thermostat and switch (no lamps). 1 in carton, 14 lbs. Price each \$18.20



**Radiant Ray
INFRA-RED
BROODER**



THE RADIANT RAY BROODER is the ultimate in *infra-red* brooding. Thorough testing under all conditions has proved over and over again that the two major factors you look for in brooding . . . *economy* in your operation and *livability* in your chicks . . . are outstanding in the RADIANT RAY BROODER.

Model 12, 125 chicks-----	\$9.75
MODEL 0-1-50 625 watts; 250-chick capacity	19.95
MODEL 0-1 1250 watts; 500-chick capacity	33.00
MODEL 1500 1500 watts; 750-chick capacity	47.50

ELECTRIC BROODER SPECIAL



SENIOR ELECT-O-STAT WITH FAN FORCED CIRCULATION

Cat. No.	Size	Capacity	Weight	Price	SPECIAL
C1-52	52" square	385	66 lb.	\$54.80	\$30.00
C1-60	60" square	515	80 lb.	60.00	32.50

SMALL FLOCK ELECTRIC BROODERS

Cat. No.	Size	Broods	Weight	Price
C1-35	38" x 38"	200	26 lb.	\$21.40 \$12.50
C1-46	46" x 46"	300	37 lb.	25.00 15.00



"SUPREME"
...at only
\$1.95

A new *low-cost* brooder lamp made with a special *patented* process which *integrates* the red color *right into the glass*...

- 1 Reduces Cannibalism!
- 2 Greater Heating Area!
- 3 Eliminates Overcrowding!

PENETRAY'S "FROSTED"

Standard glass lamp with *inside* frost and silver. Maximum heat when glare and moisture are not factors.



\$1.10

Price each, \$4.60

HANGING FEEDERS

For all sizes of birds. Built to last! Cost reducers—save space, save time, save work. Hudson "Feed-saver" design cuts costs.



AUTO-DOME

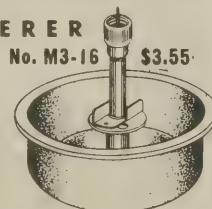
Big 16½" hot dipped pan on 8" base complete with hose and fittings, for pressure or gravity. Cleans easy. Also, with best automatic electric heat.



No. G3-7 \$9.05
G3-8 Electric \$13.75

BOWL WATERER

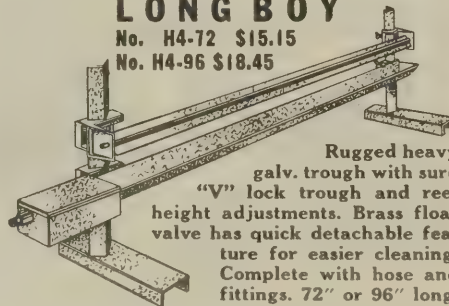
Hangs from pipe — instant release for cleaning. 6½" across by 3¼" hot dipped bowl. Very strongly built. Has coupling and strainer, ready to attach. Pressure only.



No. M3-16 \$3.55

LONG BOY

No. H4-72 \$15.15
No. H4-96 \$18.45



Rugged heavy galv. trough with sure "V" lock trough and reel height adjustments. Brass float valve has quick detachable feature for easier cleaning. Complete with hose and fittings. 72" or 96" long.

FLOAT VALVE (USED WITH ABOVE)

All brass and copper. Positive off lock. Easy water level adjustment. For gravity or pressure.

No. M2-15
\$1.85



FARNAM

Make "Cattle King Oilers"
A Paying Proposition!

TWO (2) MODELS

6-FT. "MODEL V" OILER

"Revolving Applicator" type oiler. Attaches to any post. Stakes to dead-man sunk in ground. Tension provided by tempered-steel spring.

ONLY
\$18⁷⁵



12-FT. "MODEL S" OILER

This is the type recommended by various state colleges, and highly publicized as "cable type" oilers. Mounts between two posts. Hangs 18 inches from ground.

ONLY
\$27⁵⁰



ECONOMICAL

INSECTICIDE CONCENTRATES

Mix with petroleum distillate, fuel or diesel oil for use in oilers.

ROTENOX "Triple XXX" Concentrate

For Fall and Winter stock-pests — grubs, lice, ticks, mites. Mix 1 qt. with 5 gals. of oil.

Single Gallon\$12.75
Case of 4 Gals.\$49.50

METHANOX "Fly Spray" Concentrate

For Spring and Summer stock-pests — flies, fleas, gnats, mosquitos. Mix 1 gal. with 5 gals. of oil.

Single Gallon\$ 7.50
Case of 4 Gals.\$32.50

Rotenox "TRIPLE XXX" Rotenox "SPEC. RX" Pyronox "REPELLENT"

Spray Concentrate

PINTS.....	\$ 2.25
QUARTS.....	4.00
GALLONS.....	12.75
5-GAL. DRUMS.....	49.50
30-GAL. DRUMS.....	240.00
55-GAL. DRUMS.....	425.00

LIST
PRICE
(Each)

SPRAY MIX (Wettable Powder)

7½ Lb. Bags.....\$ 5.50
Case of Four.....22.00

Toxanox "LIVESTOCK"

Spray Concentrate

PINTS.....	\$ 1.40
QUARTS.....	2.05
GALLONS.....	6.90
5-GAL. DRUMS.....	28.50
55-GAL. DRUMS.....	242.00

Fly Spray Concentrate

PINTS.....	\$ 2.35
QUARTS.....	4.25
GALLONS.....	13.75
5-GAL. DRUMS.....	57.50
55-GAL. DRUMS.....	522.50

Lindanox

"LIVESTOCK"

Spray Concentrate

PINTS.....	\$ 1.75
QUARTS.....	3.00
GALLONS.....	10.00
5-GAL. DRUMS.....	45.00
55-GAL. DRUMS.....	396.00

Methanox

"RESIDUAL"

Fly Spray Concentrate

PINTS.....	\$ 1.50
QUARTS.....	2.50
GALLONS.....	7.50
5-GAL. DRUMS.....	32.50
55-GAL. DRUMS.....	297.00

Pressurized

SPRAY PRODUCTS

"EAR TICK" BOMBS.....\$ 1.39
"FLYS AWAY" BOMBS.....1.69
"GRUB SPRAY" BOMBS.....1.69
"SCREW WORM" BOMBS.....1.39

Write for FREE Spray
Charts and other in-
formation.

HAYES SPRAY GUNS



World's Largest Manufacturer of
Garden Hose Sprayers — Since 1934

HAYES 3 Makes three gals. of spray solution with one loading. Thumb-touch control orifice. Ideal for small gardens. \$4.95

HAYES 4 Makes four gals. of spray. Positive on-and-off control valve. \$6.45

HAYES 6 makes six gals. of spray. Longer nozzle reaches to inside of plants and low-lying leaves. \$9.95

HAYES 10 A heavy duty 10-gallon sprayer. For estates, parks, industrial use, dairies, poultry and livestock. \$12.95

HAND-D Small, efficient hand-operated sprayer with one quart capacity. For potted plants, patio and spot spraying. \$3.95

FERTL-RAIN For mass spraying of lawns, shrubs, hedges and trees. Handles all types of spray materials. Waters and sprays in one operation. 1 to

120 ratio. Standard pint sprays 15 gals. \$3.45
Quart size sprays 30 gals. \$3.75

HAYES LAWN SPRAYER For quick, accurate application. Same uses as Fertl-Rain. Applies material in half the time due to the 1 to 60 ratio. Quart size jar. Sprays 15 gallons. \$3.75

FERTL-FEED Specifically designed for application of heavy, viscous materials. Powerful suction and 1 to 24 ratio speeds discharge. Comes with 30" tube for use with one gallon jug or larger container. \$3.45

SPRINKL-AIR Delivers full volume of aerated water like gentle rain—prevents erosion and bending over or breaking of tender plants. 95c

PROPORTIONER A siphoning unit for large capacity application of Liquid Fertilizers. 1 to 16 ratio. \$1.95

KNEE PADS



Price Ladies' \$1.50 a pair.
"Large." —for men: \$2.50.

COMPLETE LAWN FOOD



There's absolutely nothing like new Golden Vigoro! It's made a new patented* way so it won't "burn". . . . it's made specifically for grass. . . . and made to last far longer!

GOLDEN VIGORO
50 lb. Bag - \$3.95

REGULAR VIGORO
50 lb. Bag. . . . \$3.05
25 lb. Bag. . . . 1.95
10 lb. Bag.98
5 lb. Bag.57
1 lb. Bag.15

OF COURSE . . .

Regular Vigoro
complete plant food and
Instant Vigoro
water soluble plant food

INSTANT VIGORO
8 oz.80
16 oz.1.13
3 lb.3.00
25 lb.13.35
50 lb.22.40

DUTHIE'S FERTILIZERS AND PLANT FOODS



Lawn & Garden Special
6-1044
80 lb. Bag ----- \$4.50
25 lb. Bag ----- 1.65

For Pasture, 12-12-6
Ton ----- \$105.00
80 lb. Sack ----- 4.50
GYPSUM or LAND PLASTER
Ton ----- 19.50
100 lbs. ----- 1.25

General 10-10-5
with trace element
80 lbs. ----- \$5.25
25 lbs. ----- 1.90

ALL ORGANIC
Ton ----- 110.00
80 lbs. ----- 4.50
50 lbs. ----- 2.90
25 lbs. ----- 1.60

INSECTICIDES

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1-lb. carton, 85; 4-lb. bag, \$1.50; 48 lbs., \$16.90

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, millew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Lb., Each, 60c; 4 lbs., \$1.65; case of 12, \$17.75.

D. D. T. 50% WETTABLE DUST. For diluting in water for spraying, or mixing with talc to prepare dust of desired strength. One pound in 100 gallons of water makes effective garden spray leaving a heavy residual deposit on plants. Three pounds to 100 gallons of water makes effective and safe spray for cattle, horses, hogs and other farm animals, or residual spray for walls of barns, stables, hog or poultry houses and milk sheds. 1 lb., postpaid, 95c; 4 lbs., \$2.50, postpaid for \$2.85.

PEAT MOSS Large Bale, \$4.25
Small Bale, 3.00



Two Bu.
\$1.50
.43 Cu.ft.
75¢

FUNGICIDES

ARASAN. 8 oz., \$1.00; 2 lbs., \$3.20; 10 lbs., \$11.50; 100 lbs., \$115.00.

COPPER SULPHATE. Crystals. 10 lbs., \$3.25; 25 lbs., \$5.25; 100 lbs., \$17.95.

NEW IMPROVED CERESAN. 1-lb. can, \$1.60; 100 lbs., \$102.85

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil, 4 oz., \$1.20; 12 oz., \$3.40. 25 lbs., \$95.90

"SEMESAN BEL"—Dip treatment for both Irish and sweet potatoes, protects against seed piece decay and other important diseases.

"CERESAN" M-2X—Double strength for SLURRY application, non-dusting. Each can complete with special liquid sticking agent. For small grains, cotton, flax, peas, sugar beets and rice.

3-oz. can \$ 1.05 can
1-lb. can 3.30 can
4-lb. can 10.65 can
40-lb. pail 99.80 pail

5-lb. can 10.70
a case of 4 cans 42.65 per case



MICHIGAN PEAT MOSS



100 lb.-- \$4.95
50 lb.-- 2.75
25 lb.-- 1.95
Peck,---- 1.00
1/2 pk.,--- .65



ALL PRICES QUOTED F.O.B. Lewiston, Idaho unless otherwise stated.



DEPENDABLE PEST CONTROLS FOR HOME AND GARDEN

BUG-GETA Snail Pellets: Compressed Metaldehyde-Arsenical bait to kill snails and slugs. Easy to scatter. Economical—a little bit goes a long way.

12-oz.\$0.30; postpaid 4th zone \$0.50
2-lb.60; postpaid 4th zone .90
5-lb. 1.40; postpaid 4th zone 1.90

BOTANO de luxe Garden Dust: A multi-purpose insecticide-fungicide garden dust to control Aphids, Thrips, Wireworms and many other pests and plant diseases.

8-oz. duster \$.1.00; postpaid 4th zone \$1.25
1-lb. refill .. 1.25; postpaid 4th zone 1.50
5-lb. refill .. 4.25; postpaid 4th zone 4.75

ORTHO Home Garden Spray: A multi-purpose wettable spray for control of many insects and diseases common to the small home orchard. Fruits and berries.

½-lb.\$1.00; postpaid 4th zone \$1.25
1-lb. 1.75; postpaid 4th zone 2.00

ORTHO Rose Dust: The finest multi-purpose Rose and Flower garden dust or wettable powder for control of powdery mildew, black spot and rust plus insects common to roses.

8-oz. duster\$1.00; postpaid 4th zone \$1.25
1-lb. refills 1.25; postpaid 4th zone 1.50

ORTHO Vegetable Dust: Contains Methoxychlor, Rotenone and Zineb for control of many pests, soil insects and diseases common to vegetable gardens. Can be used up to two weeks before harvest.

8-oz. duster\$1.00; postpaid 4th zone \$1.25
1-lb. refills 1.25; postpaid 4th zone 1.50

IMPROVED ISOTOX Garden Spray M: Contains Lindane, Malathion and DDD. Finest liquid spray for aphids and red spider mite. Also controls flies, mosquitoes, wireworms and many other pests and soil insects.

4-oz.\$ 1.00; postpaid 4th zone \$ 1.25
8-oz. 1.75; postpaid 4th zone 2.10
16-oz. 2.95; postpaid 4th zone 3.35
½ gal. 10.25; postpaid 4th zone 11.00

ORTHO Lawn Groom: Feeds the lawn, Kills the weeds and Controls insects such as Lawn Moth, Wireworm and Japanese Beetles. 2,4-D weed killer controls dandelions and other broad leaf weeds.

5-lb. boxes...\$1.75; postpaid 4th zone \$2.30
10-lb. boxes... 2.95; postpaid 4th zone 3.85

IMPROVED WEED-B-GON: The Hormone weed killer containing 2,4-D and 2,4,5-T materials for use against Poison Oak, Poison Ivy, Dandelion, Wild Morning Glory and other broadleaved weeds.

4-oz.\$0.50; postpaid 4th zone \$0.75
8-oz. 1.00; postpaid 4th zone 1.25
16-oz. 1.50; postpaid 4th zone 1.90
32-oz. 2.75; postpaid 4th zone 3.25

ORTHO Crab Grass Killer: A dry compound. Can be applied with ORTHO Spreader or through top sifter. Kills ugly crab grass in lawns. Best results when used during early seedling stage of crab grass in spring.

1¼-lb. boxes...\$0.80; postpaid 4th zone \$1.10
4-lb. boxes... 1.95; postpaid 4th zone 2.45
18-lb. sacks... 5.85; postpaid 4th zone 7.40

SPRAY-ETTE Garden Hose Sprayer: The modern sprayer that attaches to garden hose and meters proper spray of ORTHO Insecticides and Fungicides.

SPRAY-ETTE ...\$2.95; postpaid 4th zone \$3.15
Replace. btl.35; postpaid 4th zone .50



ORTHO-KLOR 44 Chlordane Spray: A fine Chlordane concentrate for control of Ants, Earwigs and Lawn Moth. Dilute at two tablespoons per gallon. Economical and sure.

4-oz.\$0.90; postpaid 4th zone \$1.15
8-oz. 1.45; postpaid 4th zone 1.70
16-oz. 2.45; postpaid 4th zone 2.70
32-oz. 4.25; postpaid 4th zone 4.75

ORTHORIX Spray: Outstanding fungicide to control powdery mildew, black spot and rust on roses. Also a fine dormant spray when combined with VOLCK Oil.

4-oz.\$0.40; postpaid 4th zone \$0.60
16-oz. 1.00; postpaid 4th zone 1.40
32-oz. 1.65; postpaid 4th zone 2.15
1-gal. 4.95; postpaid 4th zone 6.45

VOLCK Oil Spray: A highly refined insecticide spray carrier for use against Mealybugs, Scale Insects, Red Spiders and White Flies on plants. Dormant spray when mixed with ORTHORIX Spray.

4-oz.\$0.35; postpaid 4th zone \$0.55
16-oz.75; postpaid 4th zone 1.15
32-oz. 1.35; postpaid 4th zone 1.85
1-gal. 2.95; postpaid 4th zone 4.45

ORTHO-GRO Liquid Plant Food: Liquid organic fish in a balanced fertilizer formulation. Gives quick plant response. Excellent for all plants, shrubs and lawns.

16-oz.\$0.90; postpaid 4th zone \$1.30
32-oz. 1.50; postpaid 4th zone 2.00
1-gal. 4.95; postpaid 4th zone 6.45

ORTHO Lawn and Garden Sprayer: For application of ORTHO-GRO Liquid Plant Food and for mass spraying of insecticides to large yard areas, for broad control of common lawn and garden insects.

Lawn Sprayer, \$3.75; postpaid 4th zone \$4.00

ORTHO Earwig Bait: A very effective bait for the pesky earwig. It works while you sleep.

3-lb.\$1.50; postpaid 4th zone \$1.75

ISOTOX Garden Dust: Contains Lindane. Controls aphids, thrips, caterpillars, black-widow spiders, grubs, ticks, sowbugs, etc.

1-lb. canister...\$0.90; postpaid 4th zone \$1.20
5-lb. canister... 3.50; postpaid 4th zone 4.15

RAT-B-GON: Contains warfarin. Kills rats, mice, most effective bait known.

1-lb. carton...\$1.00; postpaid 4th zone \$1.25
5-lb. carton... 4.50; postpaid 4th zone 5.20

SCRAM—Dog Repellent: Keeps dog away from shrubs, lawns, etc.

8-oz. shaker can \$0.50; postpaid 4th zone \$0.90

DUTHIE'S Vegetable Seeds

"Our Seeds Grow Friends"

Asparagus

Mary Washington A rust resistant sort producing large, deep green spears. Even the largest shoots are firm, tender and richly flavored. (Pkt. 10c) (oz. 20c) (½ lb. 70c) (lb. \$2.00) postpaid.
Not postpaid (lb. \$1.70) (10 lbs. @ \$1.50) (100 lbs. @ \$1.40)

Stringless Green-Pod BUSH BEANS

How to Grow Bush Snap Beans

Plant seed when danger of frost is past and the soil is warm, in rows 18 to 30 in. apart for hand cultivation or 2½ to 3 ft. apart for field cultivation. Make furrows about 2 in. deep and space the beans 2 to 3 in. apart in the row. Cover with fine soil and firm the soil over the seed with your foot or the back of a rake to insure good germination. When plants are 2 or 3 in. high, thin to stand 4 to 6 in. apart in the row. For a continuous supply of tender pods, make additional sowings when the preceding planting is up and growing; allow plenty of time for the last sowing to bear before frost. Plants grow 15 to 20 in. tall and will bear more pods if you pick them when young at which time they are truly delicious. A pkt. of seed will sow about 25 ft. of row; one lb., 150 ft.

Topcrop — Mosaic resistant; hardy

49 days. All-America Gold Medal Winner. Medium green, round, straight to slightly curved pods, 5½ to 6 in. long, slender when young, meaty, entirely stringless and without fiber; clean looking, attractive, free from blemishes or disease spots. Immune to common bean mosaic, "greasy pod" or "shiny pod." Recommended for home gardens, market growers, canning, shipping and quick freeze.

Pkt. 25¢; ½ lb. 55¢; lb. 95¢;
2 lbs. \$1.80; 5 lbs. \$4.25

Tendergreen — Delicious, round

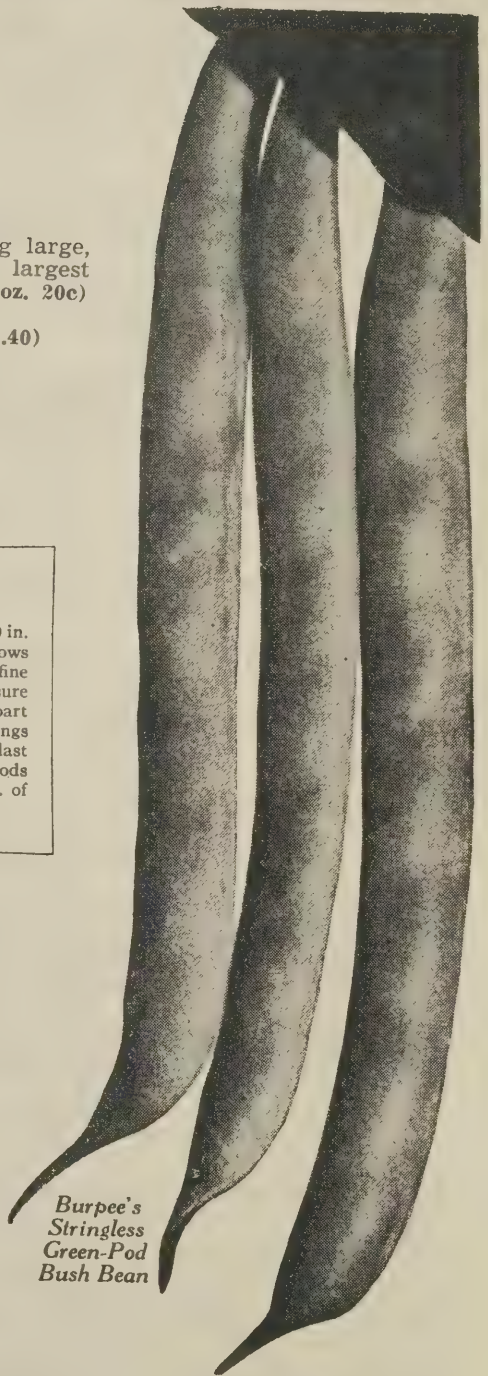
52 days. Extremely meaty, smooth, dark green, round, tender pods, 6 to 7 in. long, straight to slightly curved; absolutely stringless at all stages of growth and always free from fiber. Pods mature early and are borne profusely for a long time. Wonderful for home and market; ideal for canning, freezing, and shipping. Dependable.

Pkt. 15¢; ½ lb. 40¢; lb. 70¢;
2 lbs. \$1.30; 5 lbs. \$3.00

Burpee's Stringless Green-Pod — Excellent

50 days. Attractive, round green pods 5 to 6 in. long, slightly curved and so thick, even when quite young, as to appear double-barreled. Always tender, brittle, meaty, juicy, entirely stringless and of the finest flavor. The plants are medium-large, spreading bush form, with dark green foliage; enormously productive and have yielded remarkably well under adverse conditions. Seeds are a dark coffee-brown color. A favorite, high quality green-pod bush bean for home use, canning, freezing, commercial planting and shipping.

Pkt. 15¢; ½ lb. 40¢; lb. 70¢;
2 lbs. \$1.30; 5 lbs. \$3.00



Burpee's
Stringless
Green-Pod
Bush Bean

Wade

All-America Gold Medal Winner. Exceptionally smooth, round, stringless, slender, dark green pods, 5½ to 6 in. long are profusely borne on strong growing plants well above the ground. Resistant to common bean mosaic and powdery mildew. Valuable bush bean for home and market.

Pkt. 25¢; ½ lb. 55¢;
lb. \$1.00; 2 lbs. \$1.90;
5 lbs. \$4.50

POLE BEANS

Pole beans come into bearing later than bush beans, yield more heavily over a longer period and some produce bigger pods. Support must be given the vines, which grow 5 to 8 ft. and more high. Young pods make delicious snap-shorts; also popular as green or dried shell beans. To many persons, pole beans have that good bean flavor that is lacking in some varieties of the bush type. The most popular and dependable varieties of pole beans are Kentucky Wonder, McCaslan (green-pods) and Kentucky Wonder Wax (yellow-pod). Horticultural is grown largely as a shell bean.

Kentucky Wonder — Brown seeded; round pods

65 days. Most popular and dependable throughout the country. It is early, climbs well, and bears a heavy crop of large, green pods, 7 to 9 in. long, in clusters. They are round, thick, meaty, tender, brittle, excellent for freezing, fairly straight and stringless when young, but become twisted and develop moderate strings later. Though thick, the pods appear slender on account of their length. The light brown seeds have a distinctive, tasty flavor which makes them so highly desirable for use as shell beans. A profitable market snap or dry shelled bean in many sections.

Pkt. 15¢; ½ lb. 40¢; lb. 70¢; 2 lbs. \$1.30; 5 lbs. \$3.00

Kentucky Wonder Wax

68 days. Slightly curved, flat-oval, light yellow pods, 7 to 8 in. long, brittle, meaty, practically free from strings. Seeds are brown.

Pkt. 15¢; ½ lb. 45¢; lb. 85¢; 2 lbs. \$1.60; 5 lbs. \$3.75

Blue Lake, White Seeded

60 days. Round-oval, medium green pods, 5½ to 6 in. long, straight, smooth, fleshy, tender, stringless and fiberless. Make excellent snap beans of good quality. The leading canning and freezing bean in California and the Northwest; valuable for home and market. Small seeds; suitable for dry shell use.

Pkt. 15¢; ½ lb. 45¢; lb. 80¢; 2 lbs. \$1.50; 5 lbs. \$3.50

87 Scarlet Runner

65 days. Bears large, showy sprays of bright scarlet flowers so is often grown for ornamental purposes, as well as for eating. Pods 6 to 6½ in. long, broad and thick; they and the green shell beans are edible and of good flavor, tender and tasty if used when young. Succeeds best in cool regions and seasons.

Pkt. 20¢; ½ lb. 50¢; lb. 95¢; 2 lbs. \$1.80

75 Lazy Wife

(White Cranberry) 80 days. Broad, flat, green pods, 5 to 6 in. long; straight, meaty, brittle and stringless. Fine for snaps when young; green shelled or dry beans are delicious. White seeded; round and smooth. For home and market.

Pkt. 15¢; ½ lb. 40¢; lb. 70¢; 2 lbs. \$1.30; 5 lbs. \$3.00

How to Grow Pole Beans

Pole Beans should not be planted until all danger of frost is passed and the soil is warm and moderately dry. They do best if the vines are given support, the most frequently used being rough poles, spaced 3 to 4 ft. apart each way. Place 5 or 6 beans around each pole, cover with 2 in. of soil, and firm to assist germination. When plants are well started, thin so that 3 or 4 of the strongest remain to a pole. A packet of seed is enough for 15 poles; 1 lb. of seed for 100 poles, except Scarlet Runner, a pkt. of which is enough for 8 poles; 1 lb. for 60 poles. Pole Beans may also be planted 3 to 5 in. apart along a trellis or fence, sowing 300 ft. of row with 1 lb. of seed.



Kentucky Wonder

"Our Seeds Grow Friends"

Luxury Limas

LIMAS should be planted with the eye down. The Bush Lima is more easily grown than the tall, and is earlier and more economical of space, but the Pole Limas yield better. One week after frost proof date sow seeds two inches deep, and thin plants of small seeded bush and all pole varieties to stand 6 inches apart, all large seeded bush to stand one foot apart. Plants kept picked clean will bear until frost.

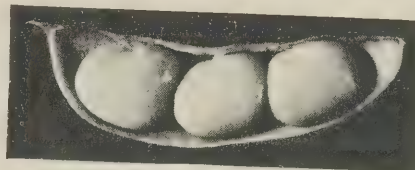
BUSH

BURPEE'S IMPROVED BUSH. 75 Days. Plant large and spreading and quite productive. Pods broad, flat, usually with 4 large thick greenish seeds.

Pkt., 15c; ½ lb., 45c; lb., 80c; 2 lbs., \$1.50

CANGREEN. 65 Days. A new green seeded Henderson type of lima well adapted for freezing.

Pkt., 15c; ½ lb., 45c; lb., 80c; 2 lbs., \$1.50



FORDHOOK. Pkt., 15c

BABY FORDHOOK. 70 Days. Small plant with vigorous branch and leaf growth. Foliage darker than Fordhook and more productive. Excellent small thick beans for canning and freezing. Cross of Fordhook and Henderson.

Pkt., 15c; ½ lb., 45c; lb., 80c; 2 lbs., \$1.50

POLE

Packet plants, 15 hills; lb., 100 hills.

KING OF THE GARDEN. 88 Days. Outstanding pole lima for heavy production and climbing ability. Numerous large pods filled with 5 to 6 large beans of excellent quality.

Pkt., 15c; ½ lb., 45c; lb., 80c; 2 lbs., \$1.50

BEET



*Extra Early
Flat Egyptian*

Crosby's Egyptian — Popular

56 days. An excellent early beet for the table or market; suitable for freezing. Roots are top to semi-globe shaped and about 3 in. in diameter with medium size tops and slender tap-roots. The skin is smooth, medium dark red and the flesh purplish red, with lighter colored zones; has a sweet flavor when cooked, tender and entirely free from fiber. Pkt. 15¢; oz. 45¢; ¼ lb. 95¢; ½ lb. \$1.65; lb. \$2.85

Extra Early Flat Egyptian — Earliest of all

53 days. Roots are distinctly flattened and have small tops; flesh is sweet and tender, dark purplish red zoned with a trifle lighter color. Skin is medium red. The earliest of all beets; fine for home garden and early market. Fully grown beets measure 3 in. across; retain their red color when cooked. Easily harvested as roots grow well above ground. Used to some extent for forcing or transplanting for the early market.

Pkt. 15¢; oz. 45¢; ¼ lb. \$1.00; ½ lb. \$1.80; lb. \$3.25

Burpee's Blood Turnip Beet

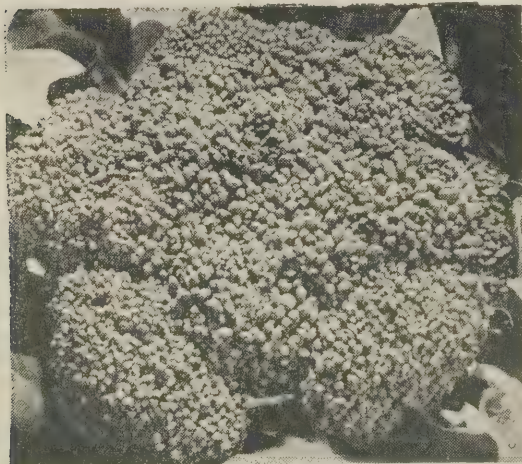
59 days. Introduced by Burpee in 1883. Our improved strain produces roots up to 3 to 4 in. across, round but sometimes deeper than their diameter. Flesh is dark red, occasionally zoned, fine grained, tender and sweet. Splendid for home and market.

Pkt. 20¢; oz. 50¢; ¼ lb. \$1.25; ½ lb. \$2.20; lb. \$3.95

Detroit Dark Red, Short Top

60 days. Widely used round beet for main-crop and fall use whether for table, canning or freezing. Tops average about 3 in. shorter than those of the regular strain, making it suitable for growing on muck or for any use where large tops are not necessary or desirable. Roots are also slightly smaller and more globular. Skin is dark red; flesh is uniform deep red with the zones so inconspicuous that the flesh, when cooked, seems to be one solid ball of deep blood-red; always sweet and tender. Smaller tops allow beets to stand closer together in the row.

Pkt. 15¢; oz. 40¢; ¼ lb. 95¢; ½ lb. \$1.65; lb. \$2.85



Italian Green Sprouting Broccoli

Mangels and Sugar Beets

Used largely for winter feeding of cattle, sheep, hogs and poultry. Sow seed thinly in early spring in rows 2 to 3 ft. apart; cover with ½ in. of soil. A packet will sow 25 ft. of row; an oz. 100 ft.

151 Mammoth Prize Long Red 110 days. Largest and heaviest cropping mangel. Roots grow to a truly enormous size; 18 to 24 in. long, 5 to 6 in. across. Skin is light red, flesh white tinged rose. Grow ½ to ¾ above ground so they are easy to harvest. Pkt. 15¢; oz. 30¢; ¼ lb. 75¢; ½ lb. \$1.25; lb. \$2.10

145 Giant Half Sugar Rose 90 days. Broad, wedge-shaped mangel. Skin is bright rose above and grayish white below; flesh is white. Highly nutritious and rich in sugar. Grows ½ above ground. Pkt. 10¢; oz. 30¢; ¼ lb. 70¢; ½ lb. \$1.10; lb. \$2.00

143 Klein Wanzleben 90 days. Heavy yielding sugar beet. Large, smooth, gray-white, wedge-shaped roots rich in sugar content. Roots grow entirely below the surface and are somewhat smaller than mangels. Pkt. 10¢; oz. 30¢; ¼ lb. 70¢; ½ lb. \$1.10; lb. \$2.00



Detroit Dark Red

BROCCOLI Italian Green Sprouting

Most easily grown and delicious flavored vegetable for home, market and freezing. Plants are tall, erect and vigorous, 2½ ft. and more in height. They should be staked or given some other form of support.

Seeds sown in early spring outdoors will furnish heads in summer while sowings made in midsummer will provide for a late summer and fall crop. For the earliest crop, sow the seeds early in hotbed or house; transplant the young plants to the garden when soil has become warm. A pkt. will produce about 250 plants; an oz. 3000.

De Cicco 78 days. Very similar in every way to Calabrese but ready a week earlier. Recommended highly for home and market. Pkt. 20¢; ½ oz. 50¢; oz. 85¢; ¼ lb. \$2.50

BRUSSELS SPROUTS

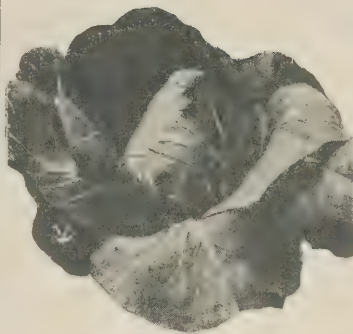
Long Island Improved 120 days. Grown extensively on Long Island for the New York market and the most satisfactory variety for use throughout the U. S. Compact plants, 20 in. tall, with solid, round, cabbage-like sprouts measuring 1¼ to 1½ in. in diameter with a more delicate flavor than cabbage. This is a splendid vegetable.

Pkt. 20¢; ½ oz. 50¢; oz. 90¢; ¼ lb. \$2.70

How to Grow Cabbage

For earliest crop, start early and midseason cabbage seed in hotbed or house; for medium early cabbage, seed may be sown in a cold-frame or open-ground seed-bed in early spring. Sow late cabbage for winter use in a seed-bed outdoors when soil has become warm. A pkt., except O-S Cross, will produce about 250 plants; oz. about 2000 plants. Days to maturity are from the time the plants are set in the garden; allow 30 days to produce plants from seed. Cabbage does best in deep, rich, loamy soil and should be given plenty of water during prolonged dry spells. Space early cabbage plants 18 in. apart in rows 2½ ft. apart; the large midseason and late varieties 2 ft. apart in rows 2½ to 3 ft. apart. Cabbage should never be planted in the same location where it, cauliflower, broccoli, or any of the cabbage family, had been planted the previous year. Healthy, solid heads of late cabbage may be stored for winter use.

Cabbage



CABBAGE JERSEY

EARLY JERSEY WAKEFIELD. 62 Days. This extra early conical shaped head cabbage is a specialty with us. The heads are hard, the outside leaves small, so that close planting is possible.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

STANDARD CABBAGES

COPENHAGEN MARKET EXTRA EARLY. 65

Days. Earliest of the large heading cabbages, maturing even before the conical types, this select strain is of unique value both to home and market growers.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

GOLDEN ACRE. (AH45). The earliest strain

of Golden Acre Cabbage yet introduced.
Pkt., 25c; ½ oz., 50c; oz., 85c; ¼ lb., \$2.50

DANISH BALLHEAD SHORT STEM. (Dwarf

Amager). 105 Days. Heads large, flattened globe shape; very firm and solid; keep very well in storage.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

PREMIUM FLAT DUTCH. 110 Days. Seed

may be sown in the open ground and plants raised without the use of hotbeds.
Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00

CARROTS

Danvers Half Long — Universal favorite

75 days. Well-known, heavy cropping carrot of great uniformity with deep orange-red skinned roots, 7 to 7½ in. long, 2 to 2½ in. in diameter and tapering gradually toward the blunt end. Flesh is bright orange, fine grained, tender, rich in flavor and very sweet. Popular for freezing, home garden, market and shipping; valuable for winter storing, a good buncher and none better for table use.

Pkt. 15¢; ½ oz. 35¢; oz. 55¢; ¼ lb. \$1.50

Imperator — All-America Winner

75 days. Exceptionally heavy yield; always smooth and uniform. Roots grow 8 to 9 in. long, 1½ in. across shoulder, tapering to a rather blunt end. Skin is rich orange-red; flesh is very deep orange. In demand for home gardens, freezing and especially by market gardeners, as it has the streamlined shape, size and color to show to advantage, and the sweet, tender, fine grained flesh of rich flavor to further recommend it. Ideal buncher and a good shipper.

Pkt. 15¢; ½ oz. 40¢; oz. 65¢; ¼ lb. \$1.75

Chantenay or Model — For all purposes

70 days. Attractive, deep orange, half-long roots, 5½ in. long and 2¼ in. thick at the top, gradually tapering toward the bottom to a distinctly stump end. The flesh is a beautiful rich orange, tender, of fine texture and very sweet. Splendid for the home and market; valuable for canners, a good shipper and excellent winter keeper.

Pkt. 15¢; ½ oz. 30¢; oz. 55¢; ¼ lb. \$1.65

Oxheart — Dependable producer

75 days. First introduced in America by Burpee in 1884. Splendid midseason carrot, which may be used while the roots are still small. If allowed to mature, the broad, stocky, heart-shaped carrots will measure 4 to 4½ in. long and 3 to 3½ in. across where they are thickest; this gives a large amount of edible flesh, which is light orange, tender, sweet and of delicious flavor. Because of their shape, they are easy to harvest and do well in shallow or heavy soils where longer carrots often fail to make attractive roots. Fine for home use and busheling. Good winter keeper.

Pkt. 15¢; ½ oz. 40¢; oz. 65¢;

240 Large Yellow Belgian — For stock feeding

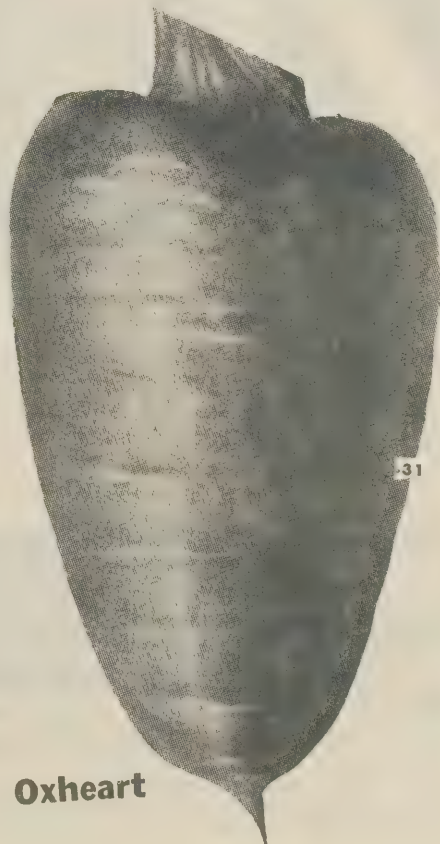
100 days. Very productive carrot with roots 12 to 18 in. long. The skin below the ground is lemon-yellow, but above the soil surface it is green. Will yield heavily, especially in deep, mellow soil. This carrot and mangels are of high value for feeding cows, horses and sheep during the fall and winter. Not desirable for table use.

Pkt. 10¢; ½ oz. 25¢; oz. 40¢; ¼ lb. \$1.20; ½ lb. \$2.25

Nantes Half Long — Good quality

70 days. Handsome, half-long, slim, well-shaped orange roots, 6 to 7 in. long and perfectly cylindrical, being from 1 to 1½ in. thick, the whole length ending abruptly in a small, thin tail. They are of delicious flavor, fine grained, tender, sweet and practically coreless; flesh is orange-scarlet. Excellent for freezing. Nantes is a popular finger carrot, translucent in appearance and because of its unsurpassed quality, texture, color and flavor, is strongly recommended for the home garden and roadside sales.

Pkt. 20¢; ½ oz. 40¢;
oz. 70¢; ¼ lb. \$1.95



Oxheart

Cauliflower

½ oz. to 100 ft., 4 oz. per acre

Treat the same as cabbage but gather the tops of the leaves together loosely as soon as the heads begin to form.

Early Snowball. (52 days.) The best for greenhouse forcing, early market, and shipping. Plants very dwarf. Heads snow white, deep, smooth and compact; about 6 inches across, weighing about 1½ to 2 pounds. The standard of excellence in cauliflower. (Fz.)

Pkt. 25¢; ½ oz. 85¢; oz. \$1.60

Utah or Golden Crisp

130 days. Matures about 5 days earlier than Giant Pascal. Plants are compact, stalks broad and thick, exceptionally solid, tender, free from strings and fiber; large, well developed heart, which when blanched, is pure white, crisp, and of the most delicious, nutty flavor. An excellent, high quality, fine flavored green celery for home gardens, market growing, shipping and winter storage.

Pkt. 20¢; ½ oz. 80¢; oz. \$1.45

CELERIAC

(Turnip-Rooted or Knob Celery)

5212 Giant Prague 120 days. The edible portion is the large, thick root, which may be used when it has grown about 2 in. across; fully grown roots may average 4 in. in diameter. Celeriac has a flavor similar to celery and is highly valued boiled or used in vegetable soup, stews, and other dishes. It grows best in a moderately moist yet well-drained soil, which is fairly rich in barnyard manure. Grow as you would celery except that it does not require hilling or blanching. Roots may be stored in moist earth or sand for winter use.

Pkt. 20¢; ½ oz. 60¢; oz. \$1.00



SWEET CORN

"Our Seeds Grow Friends"



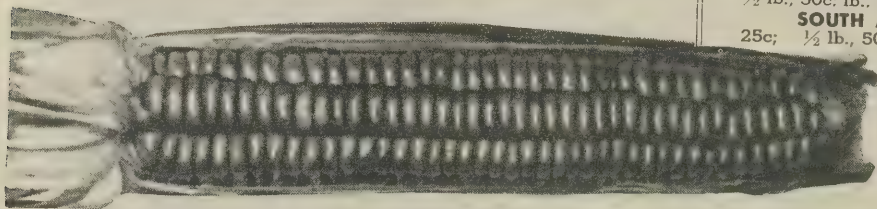
IOCHIEF

IOCHIEF. 83 Days. All America winner 1951. An outstanding new sweet corn introduction. A fine home garden late variety that is suited to freezing or canning.

Pkt. 20¢; ½ lb., 55¢; lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50

MARCROSS. Stalks short but sturdy, highly resistant to bacterial wilt. Ears long, plump, abruptly tapered at tips; 10-14 rowed, with light cream-yellow medium broad kernels of good quality.

Pkt. 15¢; ½ lb., 35¢; lb., 60¢; 2 lbs., \$1.10; 5 lbs., \$2.50



MIDGET CORN FOR SMALL GARDENS

GOLDEN MIDGET. 70 Days. On stalks 2½ to 3 ft. tall this dwarf sweet corn bears ears which are unsurpassed for flavor.

Pkt., (2 oz.), 35¢

GOLDEN CROSS BANTAM. 79 Days. Being equivalent in both season and quality to Golden Bantam, this continues to be the favorite hybrid variety among home gardeners. It excels in sweetness and tenderness, with a larger ear and more vigorous growth than Golden Bantam. The ear measures 7½ to 8 inches and has 12 to 14 rows of kernels.

Pkt., 20¢; ½ lb., 50¢; lb., 90¢; 2 lbs., \$1.70; 5 lbs., \$4.00

Non-Hybrid Sweet Corn

IMPROVED GOLDEN BANTAM. 85 Days. 10 to 14-row Golden Bantam, larger, yet equal in quality to the regular 8-row type.

Pkt., 15¢; ½ lb., 35¢; lb., 60¢; 2 lbs., \$1.10; 5 lbs., \$2.50

STOWELL'S EVERGREEN. 95 Days. The standard main crop variety. The stalks grow 7 to 8 feet high, and bear ears 8 inches long, with 16 or more rows.

Pkt., 15¢; ½ lb., 35¢; lb., 60¢; 2 lbs., \$1.10; 5 lbs., \$2.50

GOLDEN SUNSHINE. A very fine early variety. Good sized ears with 10 to 12 rows of medium broad, golden yellow kernels. Sweet and tender. Particularly desirable for market garden use.

Pkt., 15¢; ½ lb., 35¢; lb., 60¢; 2 lbs., \$1.10; 5 lbs., \$2.50

POP CORN

ILLINOIS HULLESS. 100 Days. The finest quality pop corn available. The kernels pop to over 35 times their original size and are a snowy white color completely without hulls.

SEED PROCESSED FOR SEEDING. Pkt., 25¢; ½ lb., 50¢; lb., 90¢; 2 lbs., \$1.65; 5 lbs., \$4.25

SOUTH AMERICAN HYBRID. Pkt., 25¢; ½ lb., 50¢; lb., \$1.00; 5 lbs., \$4.85

KALE

Blue Curled Scotch 55 days. Low growing, compact, short-stemmed plants with finely curled, bluish green leaves of delicious flavor. Plants grow 12 to 18 in. tall with a spread of 16 to 24 in. Widely grown for home and market. Retains its color.

Pkt. 15¢; oz. 45¢; ¼ lb. \$1.20; ½ lb. \$2.25; lb. \$3.95

CUCUMBERS

TWO distinct types of cucumbers are bred to fill the need for large fruits suitable for slicing to serve in salads, and the smaller, uniform, prolific pickling varieties. Our special strains in both types are grown with the greatest care to insure that all standards of quality are maintained in your crop. Quantity needed for 20 hills, 1 pkt.; 80 hills, 1 oz.

Sow in hills three to six feet apart; six seeds $1\frac{1}{2}$ inches deep to a hill, thinned three plants. Protect small plants from beetles. Water when needed, and keep vines picked clean.

Burpee's HYBRID. 65 Days.

mosaic resistant long dark green and slender cucumber. Ideal for market or home. See Novelty page 6. Pkt., (30 seeds) 35¢; $\frac{1}{2}$ oz. \$2.75; oz. \$4.75

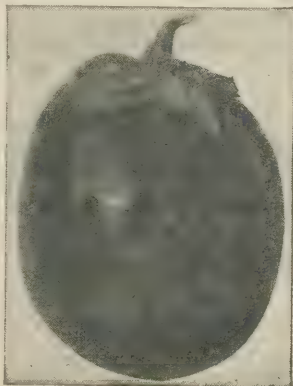
MARKETER. 65 Days. A variety of recent introduction producing very dark green, cylindrical fruits which taper slightly at ends. Fruits are about 8 inches long and $2\frac{1}{4}$ inches in diameter. Pkt., 15¢; oz., 45¢; $\frac{1}{4}$ lb., \$1.25

Egg Plant

Egg Plant likes a rich, loamy soil. Plants should be set out in the garden as soon as danger of frost has passed, in rows 3 feet apart, the plants 2 feet apart.

EARLY HYBRID. A very early F1 Hybrid that bears a large number of small to medium

ium sized fruit. It is not as suitable as Vaughan's Hybrid Egg Plant for market but a satisfactory early maturing home garden type. Pkt., 25¢



BLACK BEAUTY

BLACK BEAUTY. 80 Days. Favorite variety in northern gardens, this excels in quality, size and appearance. Its huge fruits are almost black, are highly decorative in exhibition baskets and collections. Pkt., 15¢; $\frac{1}{2}$ oz., 45¢; oz., 85¢; $\frac{1}{4}$ lb., \$2.65

IMPROVED NEW YORK PURPLE. 83 Days. Plants grow low, stalky and branching, are early and almost continuous bearing; fruits are large, satiny smooth, rich purple. Pkt., 15¢; $\frac{1}{2}$ oz., 45¢; oz., 85¢; $\frac{1}{4}$ lb., \$2.65

Endive



E-1 BROAD LEAVED BATAVIAN WHITE ESCAROLE. Pkt., 15¢; oz., 35¢; $\frac{1}{4}$ lb., 80¢

BROAD LEAVED BATAVIAN WHITE ESCAROLE. (Florida Full Heart). 90 Days. Of the straight smooth leaf Batavian type, this variety has the largest number of heart leaves and the finest salad quality of any we have tried. It grows upright, resists drought. Pkt., 15¢; oz., 35¢; $\frac{1}{4}$ lb., 80¢

GREEN CURLED. 90 Days. Standard variety for fall and winter. When centers are blanched, it is most beautiful. Pkt., 15¢; oz., 35¢; $\frac{1}{4}$ lb., 80¢

Straight Eight Cucumber

58 days. All-America Gold Medal Winner. At best table size, fruits are 8 in. long and $2\frac{1}{4}$ in. in diameter, well rounded at the ends, dark green in color, with practically no striping at the blossom end. Its even, deep color and symmetrical shape are outstanding characteristics; it is a favorite white spine cucumber for home or market; good producer, ideal shipper and of the highest quality. Pkt. 15¢; oz. 45¢; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.30; lb. \$3.75

Early Fortune — Good slicer

58 days. The flesh is pure white, of a firm, crisp texture and most delicious flavor. Fully grown fruits measure 9 in. long and $2\frac{1}{4}$ in. thick, tapering slightly toward the ends. An old favorite white spine cucumber for home, market, shipping as well as for pickles. Holds its color for quite a long time. Pkt. 15¢; oz. 45¢; $\frac{1}{4}$ lb. \$1.25; $\frac{1}{2}$ lb. \$2.30; lb. \$3.75

Improved Long Green

60 days. Black-spined fruits 10 to 12 in. long, 3 in. thick, and more or less warted; glossy medium dark green skin and pure white, solid, tender, crisp flesh. Popular for ripe (yellow) cucumber pickles or slicing. Desirable home garden cucumber of good eating quality. Hardy and prolific. Pkt. 20¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.35; $\frac{1}{2}$ lb. \$2.45; lb. \$4.25



PICKLING CUCUMBERS

NATIONAL. 54 Days. The type is shorter than the Chicago Pickle and the fruit being smaller, blight does not sap the strength of the vine. Pkt., 15¢; oz., 45¢; $\frac{1}{4}$ lb., \$1.25

BOSTON PICKLING. (Green Prolific). 58 Days. Smooth, symmetrical pickle, very early and productive. Pkt., 15¢; oz., 45¢; $\frac{1}{4}$ lb., \$1.25

KOHLRABI

Edible portion is a large bulb produced on the stem above the ground and which, if used when young, 2 to $2\frac{1}{2}$ in. across, is most delicious. The sweet, fine-grained flesh has the combined flavor not unlike that of cauliflower and turnip. Sow the seed in rows 12 to 18 in. apart early in the spring and cover $\frac{1}{2}$ in. deep. Thin plants to stand 6 in. apart in the row. For a continuous supply, sow every two weeks until hot weather. For fall use, sow seed in midsummer. Excellent for home and market garden, also for forcing. Cooked kohlrabi may be served with butter, salt and pepper, or with sour cream or white sauce. When young, may be chilled and served raw. A pkt. will sow about 30 ft. of row; an oz. 250 ft.

Early White Vienna 55 days. The skin is light green and very smooth; the flesh is creamy white, tender and of a delicate mild flavor. Suitable for freezing. Dwarf growing. Pkt. 15¢; $\frac{1}{2}$ oz. 50¢; oz. 90¢; $\frac{1}{4}$ lb. \$2.70

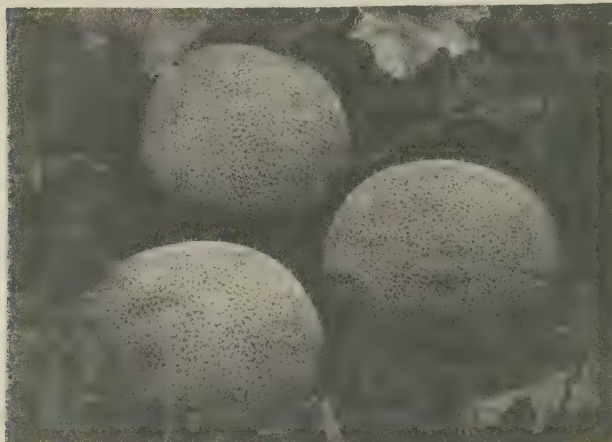
Early Purple Vienna 60 days. "Apple-like" bulbs are a purplish color and the flesh is an attractive greenish white. Matures five days later than White Vienna but otherwise resembles it in tenderness and fine quality; the bulbs usually grow a trifle larger. Pkt. 15¢; $\frac{1}{2}$ oz. 50¢; oz. 90¢; $\frac{1}{4}$ lb. \$2.70

LEEK

Broad London

Also known as **Large American Flag.** 130 days. Nicely flavored thick stems of the most excellent quality, the white part extending well up the stalks. The long, thick, blanched necks may be used alone or as a thick puree of green peas and leeks. Also highly prized for use in soups, stews, or creamed. It belongs to the onion family, but has a decidedly sweet flavor. Sow seed in early spring in rows 12 to 18 in. apart and cover with $\frac{1}{2}$ in. of fine soil. Thin to 4 to 6 in. apart in the row. Draw earth up around plants when cultivating to blanch as you would celery. A pkt. will sow 25 ft. of row; $\frac{1}{2}$ oz. 100 ft. Pkt. 15¢; $\frac{1}{2}$ oz. 50¢; oz. 90¢; $\frac{1}{4}$ lb. \$2.70

CANTALOUPE or MUSKMELON



How to Grow Cantaloupes

The most suitable soil is a rich, warm, sandy loam. Sow the seed after the ground has warmed up, putting 8 to 10 seeds in groups, allowing 2 to 3 in. between the seeds and cover with 1 in. of fine soil. The groups should be spaced 4 to 6 ft. apart each way. Thin to 2 or 3 plants to a group after the plants are well established. Well-rotted manure dug into the soil where seeds are to be planted and side dressings of commercial fertilizer after the plants have begun to grow are usually beneficial. A pkt. will plant 12 groups, 1 oz. 50 groups or so-called "hills"—a term that is misleading to many gardeners.

Burpee's Netted Gem

85 days. (*Green Flesh*) The variety grown at Rocky Ford, Colorado, under the name of Rocky Ford, is the Netted Gem which Burpee had the distinction of originating and introducing in 1881. A pure Rocky Ford Cantaloupe, when ripe, has a silver-colored netting which is lace-like in appearance. The skin is green, turning to a peculiar gray color when the melons are fit for eating. The flesh is green and so sweet and luscious that it may be eaten close to the rind. Fruits are oval-shaped, firm and solid, weigh 1½ to 2 lbs., slightly ribbed with medium-size seed cavity.

Pkt. 15¢; oz. 50¢; ¼ lb. \$1.50

Hale's Best No. 936—Largest

85 days. (*Salmon-orange Flesh*) One of the most widely grown strains of Hale's Best. Developed from Improved 36, it possesses all the outstanding features of that special strain and, in addition, grows somewhat larger.

Pkt. 15¢; oz. 50¢; ¼ lb. \$1.50

Hearts of Gold — Very sweet

90 days. (*Orange Flesh*) Medium-size melons are of slightly elongated shape, 5 in. in diameter and 6 in. in length, nicely netted and weigh 3 lbs. each. Thick deep orange flesh of the sweetest flavor. A heavy cropper; popular with home, market gardeners and shippers.

Pkt. 10¢; oz. 40¢; ¼ lb. \$1.20

Hale's Best, Improved 36

85 days. (*Salmon-orange Flesh*) One of the early selections made in America's No. 1 shipping melon, Hale's Best. Plants are vigorous and prolific. Fruits round-oval in shape, weigh 3 to 4 lbs. each, grow 6 in. long, 5½ in. across. The heavy netting is uniformly distributed over the surface; flesh is salmon-orange, very thick, firm, finely grained, sweet and spicy with small seed cavity. Keeps its quality for a long time. A leading variety for long distance shipping; valuable for market and home gardens. Uniform for crate packing.

Pkt. 15¢; oz. 45¢; ¼ lb. \$1.30

Crenshaw 110 days. (*Salmon-pink Flesh*) Large, somewhat pear-shaped melons, 7 in. long, 6 in. across, dark green turning to yellow when ripe. Thick, salmon-pink flesh.

Pkt. 15¢; oz. 45¢; ¼ lb. \$1.30

Golden Beauty Casaba 120 days. (*White Flesh*) Globular fruits 6 to 8 in. across, golden yellow, tough, wrinkled skin; very thick, white, juicy, sweet flesh, grown mostly in California. Good shipper and keeper.

Pkt. 15¢; oz. 45¢; ¼ lb. \$1.30

CERTIFIED SEED POTATOES

WRITE FOR QUANTITY PRICES

Our SEED POTATOES are the very finest stock.

Only high yielding hills and selected tubers are used in production of this Supreme Quality seed stock.

IRISH COBBLER—Splendid creamy white potato for early market. Large, round, sometimes slightly netted. Will bake dry and mealy, even before ripe. Extra early.

10 lb. postpaid 3rd zone, \$1.50.

KATAHDIN—Originated in Maine by the U. S. Dept. of Agriculture. Is slightly oval, white, very smooth with shallow eyes. Medium early, maturing a little later than Chippewa. Unsurpassed in cooking and eating qualities.

BLISS TRIUMPH—Recognized as one of the very earliest varieties. Is also a good keeper. Very productive. Tubers round, pink skin, flesh very white and of excellent flavor.

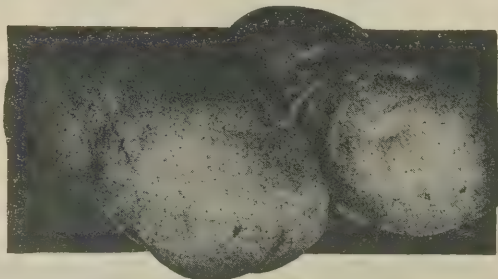
10 lb. \$1.50, postpaid 3rd zone.

EARLY OHIO—One of the best early pink potatoes. Tubers round, oblong shape. Eyes rather shallow but strong. An old favorite that is still popular in many sections.

Price prepaid 3rd zone, 10 lbs. \$1.50.

CHIPPEWA (Limited Supply)—Earlier than Katahdin and especially well adapted for the

Northwest. Matures a few days later than Cobblers and yields a consistently high percentage of No. 1 smooth, shallow-eyed tubers. An excellent cooker and very good storage potato.



NETTED GEM—Russett Burbank, Yakima Gem, Idaho Russett, etc. A splendid main crop late potato that gives good results in dry sections. Flesh white; eyes are flush with surface; good keeper and produces a fine yield. Tubers are elongated, medium sized with russett skin. This is the variety grown extensively by irrigation in Washington and Idaho for baking. Our stock is extra choice of the most improved type.

Price prepaid 3rd zone, 10 lbs. \$1.50.

Garden Herbs

ANISE. Used for garnishing, seasoning and for cordials. Pkt., 20c; $\frac{1}{2}$ oz., 60c; oz., \$1.10

BORAGE. Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. Pkt., 20c; $\frac{1}{2}$ oz., 65c; oz., \$1.20

CARAWAY. Seeds are used for flavoring bread, pastry, meats, etc. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 70c

CATNIP. Grown for bee pasture. The leaves and young shoots are used for seasoning. Pkt., 20c; $\frac{1}{2}$ oz., 70c; oz., \$1.35

CORIANDER. The seeds are used for flavoring. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 95c

DILL. Leaves are used in pickles and for flavoring soups and sauces, and to be sprinkled over meats. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c

SUMMER SAVORY. The leaves and young shoots are used for flavoring. Much used as a flavoring for beans, and in salads, vegetables, stews and other dishes. Pkt., 20c; $\frac{1}{2}$ oz., 50c; oz., 90c

SAGE. A strongly flavored old-time favorite used in pork sausage and poultry seasoning. English Broad Leaf. Pkt., 20c; $\frac{1}{2}$ oz., 70c; oz., \$1.35

SWEET FENNEL. The leaves boiled are used in fish sauces and are excellent for garnishing. The seeds are used for flavoring. It is said Fennel is to fish what Mint is to lamb. Pkt., 20c; $\frac{1}{2}$ oz., 50c; oz., 90c

SWEET MARJORAM. Tender perennial best treated as an annual. A favorite for flavoring soups, stews, salads, and meat dishes and sausage. Pkt., 20c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.90

THYME. Used for seasoning meats, poultry, fish, cheese, eggs, soups, vegetables, stuffings and salads. A tea is also made for nervous headache. Pkt., 25c; $\frac{1}{4}$ oz., 60c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.85

OKRA

The pods are valuable for cutting up in soups, stews, catsup and other relishes. Also used as a vegetable. Pods must be picked when young, before they become too large and hard. Popular for its use in the famous gumbo and chicken gumbo soups. Sow in the open ground when soil is warm. A pkt. will sow 15 ft. of row; one oz. 50 ft.

Dwarf Green Long Pod 52 days. Pods ribbed, pointed, fleshy, dark green, 7 to 8 in. long and 1 in. across. 2 to 2 $\frac{1}{2}$ ft. tall. Pkt. 15c; oz. 30c; $\frac{1}{4}$ lb. 80c

Garlic Sets

SELECTED BAVARIAN. In about 110 Days. Garlic is grown by planting the small bulbs in rows, 4 inches apart in the row. Cover the bulbs with one inch of soil. When the tops turn yellow, lift the bulbs and dry in the shade. To keep for the winter, hang in strings in a dry basement. Lb., 75c; 10 lbs., \$6.00. Postage extra. Write for latest market prices on quantities.

Storage Onions Are Best Grown from Seed

SPANISH TYPE ONIONS

VALENCIA SWEET SPANISH (Utah Strain). 110 Days. A sweet, mild giant onion. From seed sown direct in the garden it will produce onions weighing a pound; if started in the hot bed two pound specimens can be grown. It comes in two colors, yellow and white, both alike otherwise.

WHITE.

Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00

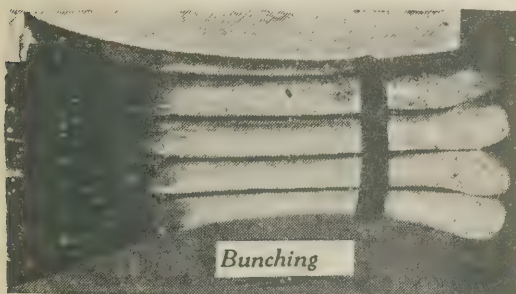
YELLOW.

Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00

RIVERSIDE SWEET SPANISH. 110 Days. A California strain. When grown in southern California attains enormous size, 4 to 4 $\frac{1}{2}$ pounds.

FOR GREEN ONIONS

HE-SHI-KO. 50 Days. An early bunch onion. deserving of more popularity, is hardy and may be sown either spring or fall. A fall sowing will produce green onions very early in the spring. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00



YELLOW GLOBE.

FANCY YELLOW GLOBE DANVERS. About 110 Days. Medium large, globe shaped, yellow with white flesh, firm and hard, good keeper. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00

LARGE RED WETHERSFIELD. About 100 Days. Bulbs 2 to 2 $\frac{1}{2}$ inches thick, flat, deep red, flesh pinkish white and firm, used extensively for growing sets. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00

Southport White Globe

112 days. Most attractive, large, round onion with pure paper-white skin. The flesh is pure white, sweet, juicy, and of most delightful mild flavor. A main-crop variety which will keep well for some time in fall storage. Pkt. 15c; $\frac{1}{2}$ oz. 45c; oz. 85c

LETTUCE

Paris White

83 days. (Light Green) Most largely used of the Cos lettuce varieties. It is crisp, has a refreshing, sweet flavor, and does not need tying up in order to blanch the heart. Compact, erect plants, 10 in. tall; medium green outer leaves and whitish green interior.

Pkt. 20¢; oz. 55¢;
¼ lb. \$1.50

Great Lakes

80 days. *All-America Bronze Medal Winner*. A week or more earlier than Great Lakes. Heads solid, practically round; leaves trifle lighter green, the outer ones somewhat flattened, smooth without fringed margins. Highly resistant to tipburn and heat; may be planted in succession for summer crop in many sections.

Pkt. 25¢; oz. 95¢; ¼ lb. \$2.75

Hanson — Dependable header

85 days. Grows into a quite broad, slightly flattened head of light green, savoyed and curled leaves of crisp texture. Mild, tender, juicy and well blanched.

Pkt. 15¢; oz. 40¢; ¼ lb. \$1.20

New York No. 12

85 days. The standard crisp-head lettuce with large green heads, heavily curled and savoyed leaves with blanched, silvery white, tightly folded heart. Stands heat well. May be grown outdoors for spring, summer and early fall use almost anywhere. Excellent quality.

Pkt. 20¢; oz. 60¢; ¼ lb. \$1.50

New York No. 515

83 days. Heads are large, solid, round, bright green in color, blanching to an appetizing white; always crisp, juicy and sweet. Stands hot weather remarkably well. Bred for tipburn resistance. For home and market.

Pkt. 15¢; oz. 50¢; ¼ lb. \$1.35

Chicken Lettuce

40 days. The plants grow 4 ft. tall before they run to seed. Planted extensively for feeding poultry and rabbits. Not desirable for table use. Hardy.

Pkt. 15¢; oz. 40¢; ¼ lb. \$1.10

Oak Leaf — Shaped like oak leaves; resists heat

40 days. Forms a tight bunch or rosette of medium green leaves which are deeply lobed, with the end lobe elongated, giving the plant a spiky appearance. Extremely tender, long standing and of excellent quality. Withstands considerable fall freezing weather.

Pkt. 20¢; oz. 70¢; ¼ lb. \$2.00

MUSTARD GREENS

Highly nutritive green leafy vegetable of fine flavor. May be eaten as a salad or cooked for "greens."

Sow seed early in the spring and make successive sowings every ten days up to the time the weather gets hot. For fall use, plant three or four times in late summer. Sow in rows 12 to 18 in. apart. Thin plants 5 to 6 in. apart. A pkt. will sow 50 ft. of row; oz. 200 ft.

Southern Giant Curled 35 days. Popular curled-leaf mustard for spring or fall planting. The bright green leaves are of a pleasing, mild flavor and very large; moderately broad, fringed and curled at the margins.

Pkt. 10¢; oz. 25¢; ¼ lb. 75¢

Florida Broad Leaf 43 days. Upright plants. Leaves large, broad and medium green with light green midrib and toothed margins. Desirable for greens because of the ease of preparing the smooth leaves.

Pkt. 10¢; oz. 25¢; ¼ lb. 75¢

653 Tendergreen 28 days. Rapid growing mustard with large, broad, thick, dark green, rounded leaves, which when cooked have a delicious, mild spinach flavor. Heavy cropper. Resistant to heat and cold.

Pkt. 15¢; oz. 30¢; ¼ lb. 80¢



Great Lakes

Salad Bowl — Resists heat

45 days. *All-America Gold Medal Winner*. Large, medium-green, slow bolting, non-heading, differing in appearance from all other varieties in that the leaves are deeply lobed giving the mature plant a resemblance to endive. Decidedly crisp and tender.

Pkt. 25¢; oz. 85¢; ¼ lb. \$2.50

Black-Seeded Simpson

45 days. Splendid non-heading or cutting lettuce with broad, light green, frilled and crumpled outer leaves; center leaves blanch almost white. Grows quickly, is early and of extra fine quality. The texture of leaves is brittle and crisp; flavor is delicate and appetizing. Local market or home use.

Pkt. 15¢; oz. 45¢; ¼ lb. \$1.25

Early Curled Simpson

43 days. The large plants have very light green, crumpled and slightly frilled leaves that are tender, succulent, and of decidedly piquant taste. Forms a compact bunch of crisp leaves of excellent flavor.

Pkt. 15¢; oz. 45¢; ¼ lb. \$1.25

Slobolt — Long standing; tender

45 days. Develops well in hot weather without producing seed stalks as quickly as other varieties. Withstands mid-summer temperatures without going to seed for two or three weeks longer than Grand Rapids, Black-Seeded Simpson and Early Prizehead. Foliage is light green, savoyed with waved and heavily frilled edges. Home and market.

Pkt. 25¢; oz. 75¢; ¼ lb. \$2.25



Tendergreen Mustard

Onion Sets Grow Quickly

YELLOW

The ordinary yellow onion set, producing flat and attractive onions.

($\frac{1}{2}$ lb. 35c)

(lb. 60c)

WHITE VICTORY

A superior, slower growing white set, thick necked and strong, with a larger top than ordinary white sets.

(5 lbs. \$2.75)

postpaid.

ONION PLANTS

BERMUDA (for early green onions).

YELLOW SWEET SPANISH (for large onions).

Per bunch postpaid 55c;

ten bunches, \$4.25



YELLOW



WHITE

PEAS

Plant one lb. to one hundred feet of drill, 80 to 120 lbs. per acre.

For very early peas the soil should be light and warm. Prepare the seed bed in the fall and plant as early in the spring as the soil can be worked. It is best to double row about six inches apart and then leave a space of thirty inches to the next double row. Do not plant in heavy, sticky soil, as the seed will rot before germinating. Plant Early, Second Early and Late sorts for succession 1 to 2 inches deep, 1 to 3 in. apart in 24 to 36 in. rows, 20 feet of double row is required per consumer.



Little Marvel.

Laxton's Progress 64 days. One of the earliest large podded varieties, and used extensively by shippers for this reason. Vines 15 inches dark green, heavy. Pods $4\frac{1}{2}$ inches, dark green, plump and pointed; contain 8 or more large deep green wrinkled peas. Quality excellent, splendid for home and market garden planting. (Pkt. 20c) ($\frac{1}{2}$ lb. 35c) (lb. 65c) postpaid.

Not postpaid (lb. 35c) (10 lbs. @ 30c) (100 lbs. @ 25c)

Little Marvel (Improved Large Podded Strain) 63 days. Vines 18 inches, dark green. Pods $3\frac{1}{2}$ inches, dark green, very plump, straight, blunt ended. Seeds medium size, wrinkled and rather square. Quality is unsurpassed, a bountiful yield, and particularly valuable for the home garden and market. (Pkt. 20c) ($\frac{1}{2}$ lb. 35c) (lb. 65c) postpaid.

Not postpaid (lb. 40c) (10 lbs. @ 35c) (100 lbs. @ 29c)

THOMAS LAXTON. About 62 Days. ☒ The best pea for freezing. This is a selection of Gradus. The season is identical, but the pods are square at the end and deeper green. Vines are 3 to $3\frac{1}{2}$ feet high. A better yielder than Gradus.

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 55c; 2 lbs., 95c

ALASKA—CALLED EARLIEST OF ALL. In about 57 Days. Alaska seed is bluish in color and smooth. This is the earliest pea to mature and is used extensively in Wisconsin for canning.

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 55c; 2 lbs., 95c

IMPROVED TELEPHONE. 74 Days. Of the small-growing varieties of late peas, "Vaughan's Improved Telephone" is regarded by experienced and successful growers as the best sort for general purposes. Uniformly large pods, 5 inches or more long, filled with 8 to 9 delicious peas. Grows 4 feet high; is a main crop variety, and a heavy yielder.

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 55c; 2 lbs., 95c

DWARF TELEPHONE OR DAISY. About 76 Days. A midseason maturing sort of merit; vines are dwarf and bear large, bright green pods, each containing 8 to 10 peas of finest quality. This is a splendid variety, of which we offer a high-class reselected stock.

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 55c; 2 lbs., 95c

EDIBLE POD PEAS

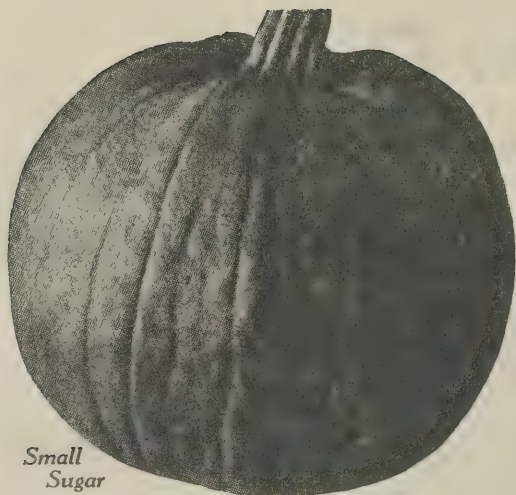
Cooked Like String Beans

DWARF GRAY SUGAR. About 65 Days. The pods, not the seed of this variety are eaten. They are borne on vines 16 inches tall, and should be picked before seeds form. At this stage they are: stringless, brittle and succulent.

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 55c; 2 lbs., 95c



Thomas Laxton



Small
Sugar

PUMPKINS

Small Sugar —Good keeper

100 days. Round, slightly ribbed fruits of medium size, about 7 in. in diameter. Bright orange skin and rich orange flesh which is meaty, sweet, and fine grained. Wonderful for pies; in fact, this is the celebrated New England Pie Pumpkin. Best pumpkin for general use.

Pkt. 10¢; oz. 30¢; ¼ lb. 80¢

Big Tom 120 days. Also known as **Connecticut Field**. Large orange fruits weighing 18 lbs. each, round and flat on the ends, with a smooth, hard rind. Thick, dry, sweet orange-yellow flesh, desirable for canning and for pies and is widely planted for stock feeding.

Pkt. 10¢; oz. 30¢; ¼ lb. 75¢

Genuine Mammoth 120 days. Also called **Jumbo** or **King of the Mammoths** because they attain a weight of 60 lbs. and more. Fruits grow 18 in. in diameter and have an orange-salmon skin. The bright yellow flesh is thick and sweet.

Pkt. 15¢; oz. 35¢; ¼ lb. \$1.00

PEPPERS

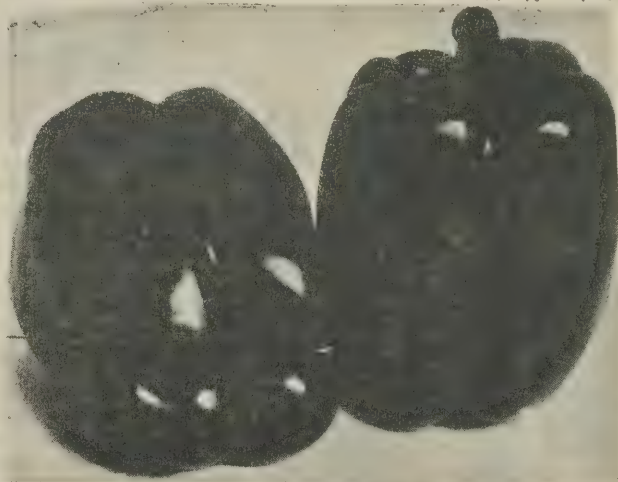
Worldbeater

73 days. Fruits are large, of uniform shape, three and four lobed, 5 in. long and 3½ in. across, smooth, glossy dark green turning deep red when ripe. Thick flesh; mild, sweet flavor. Good shipper; popular for home and market growers.

Pkt. 20¢; ½ oz. 65¢; oz. \$1.25; ¼ lb. \$3.50

How to Grow Peppers

Sow seed in a hotbed or indoors in shallow boxes, pots or seed-pans of rich soil; cover seed with ¼ in. of fine soil. Allow 8 to 10 weeks to produce plants large enough to set outdoors when all danger of frost is passed. When the soil has become warm, set the young plants in the garden, 18 to 24 in. apart in rows 2 to 3 ft. apart. A pkt. will produce about 100 plants; 1 oz. 1500. Days mentioned in descriptions represent the average time required from the setting of the plants in the garden until the first fruits are ready for table use.



California Wonder Pepper

California Wonder —Sweet, tender

75 days. All that you could ask for in a stuffing pepper—good size, blocky form, thick walls, and choice flavor. Peppers are about 4 in. long and 3 to 3½ in. in diameter, 3 and 4 lobed, and are borne upright. The skin is green, turning to crimson. Flesh is thick with a sweet flavor. Recommended for home, market, shipping and freezing.

Pkt. 20¢; ½ oz. 65¢; oz. \$1.25; ¼ lb. \$3.75

PARSNIPS

Hollow Crown 105 days.

Long and smooth—longer than Guernsey but not so broad. Does best in deeply prepared soil. Fully developed roots grow 15 in. long and 2¾ in. thick at the shoulder; flesh is fine-grained, white and of superior flavor. Widely used by home and market growers.

Pkt. 10¢; oz. 35¢; ¼ lb. \$1.00

SUNFLOWER

For chicken feed as well as being ornamental

Mammoth Russian 80 days. Immense heads, which produce more seed per acre than any other variety. The striped seeds are plump, well filled with meat, and have a thin shell; make valuable food for poultry. Stalks are quite tall, often growing up to 10 ft.

Pkt. 10¢; ½ lb. 35¢; lb. 65¢; 2 lbs. \$1.20; 5 lbs. \$2.75

PARSLEY

Extra Curled Dwarf 70 days. Also known

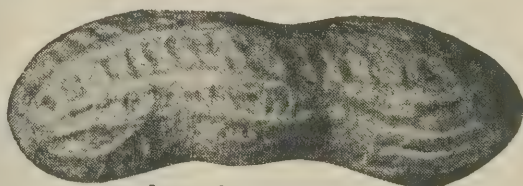
as **Emerald**. Has moss-like leaves of an attractive dark green color; very finely cut and curled. Desirable for garnishing.

Pkt. 10¢; oz. 30¢; ¼ lb. 90¢

Parsnip-Rooted or Hamburg 90 days. Has

plain leaves, which can be used just like ordinary parsley, but is principally grown for the thick, fleshy roots which are used for flavoring soups, stews, etc., like celery or celeriac. The roots grow 8 to 10 in. long.

Pkt. 10¢; oz. 30¢; ¼ lb. 90¢



Jumbo Virginia Peanut

PEANUTS

Top ranking
protein foods

Roasted peanuts, salted peanuts, peanut butter and peanut candies are well known to all of us. Have you ever tried them baked as you would beans? Leave skins on or take them off; they are, however, more palatable if skins are removed.

For best results select warm, light or sandy soil rich in lime. Plant in rows 2½ to 3 ft. apart, spacing the shelled nuts 8 to 10 in. apart in the row, or place them 16 to 18 in. apart in the row if planted in the hulls. Cover with 2 in. of soil. Cultivate and hoe freely. In the fall, before frost, dig and hang vines under a shed or in an airy room to cure. One pkt. will sow from 15 to 25 ft. of row; 1 lb. from 100 to 200 ft. according to method used in planting.

Jumbo Virginia 120 days. Most productive, extra large peanut of rich flavor, with 2 or 3 large kernels to the pod. Vines 3½ ft. across; make valuable fodder.

Pkt. 15¢; ½ lb. 50¢; lb. 90¢

Spanish 110 days. The dwarf bushes grow close, so are easily cultivated and gathered. Kernels are small and very sweet. Early.

Pkt. 15¢; ½ lb. 50¢; lb. 90¢

Earliest RADISHES

Comet —All-America Medal Winner

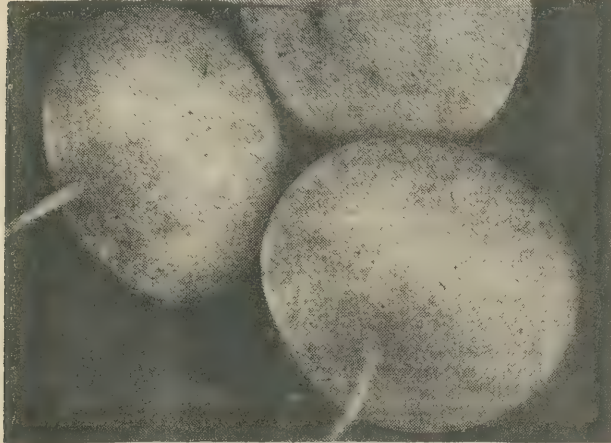
25 days. Round, with an occasional olive-shaped, average 1 in. across; bright scarlet skin and tender white flesh which remains crisp and solid for a long time. Ideal for home and market gardens, both for field culture and greenhouse forcing. Eating and keeping qualities are surpassed by none. Tops are short.

Pkt. 20¢; oz. 45¢; ¼ lb. \$1.20; ½ lb. \$2.15

5047 Vick's Scarlet Globe

24 days. Olive-shaped, bright scarlet radishes, 1 in. in diameter. It is crisp and tasty, with fine white flesh and a medium-size top; right for bunching. Good for forcing and does equally well outdoors for either the market or home garden. Attractive.

Pkt. 15¢; oz. 35¢; ¼ lb. \$1.00; ½ lb. \$1.75



Burpee White—Outstanding for flavor

25 days. Introduced by Burpee in 1947. Exceptional tenderness, mild flavor, crispness, and remaining long in edible condition, are most outstanding qualities of Burpee White Radish. When young, roots are nearly round, juicy and sweet with pure white skin and flesh. They become flattened in shape as they grow, the diameter increasing with age. At their best eating stage when ¾ to 1 in. across. Grown from spring-sown seed, they are crisp, mild and tender even if allowed to grow 2 in. across. Superior in respect to available nutrients and low fiber content.

Pkt. 25¢; oz. 60¢; ¼ lb. \$1.75

CHERRY BELLE. 25 Days. ☒ All American winner, 1949. See Novelty Page 7.
Pkt., 25¢; oz., 35¢; ¼ lb. \$1.00; ½ lb., \$1.75

EARLY SCARLET GLOBE SELECT. (F.) 23 Days. Vaughan's Glasshouse strain. For hotbed and greenhouse forcing, and outdoor planting. Very early, crisp, mild and tender; rich, bright scarlet in color, of uniform globe shape. It is ready for the table in 25 days. For the home, plant every 10 days until into June; again end of August.

Pkt., 15¢; oz., 30¢; ¼ lb., 90¢; ½ lb., \$1.55

ICICLE. 27 Days. ☒ The finest white, which remains crisp and mild long after maturity. It matures early with short top, which permits close planting and forcing. Many of our customers say it is the finest radish they have ever grown. Plant every 10 days for succession.

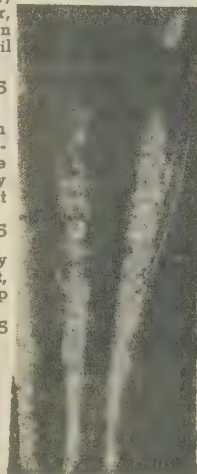
Pkt., 15¢; oz., 30¢; ¼ lb., 90¢; ½ lb., \$1.55

FRENCH BREAKFAST. (F.) 25 Days. Early olive-shape, 2 inches long, with slender tap root, deep red skin, white tip. Flesh is solid, sweet, crisp and tender, fine for the home garden.

Pkt., 15¢; oz., 30¢; ¼ lb., 90¢; ½ lb., \$1.55

CRIMSON GIANT. (F.) 28 Days. For forcing or outdoor planting. Although twice the size of other forcing sorts this does not get pithy or hollow; the skin is crimson, flesh is white, tender, crisp and sweet-flavored. Sow thinly.

Pkt., 15¢; oz., 30¢; ¼ lb., 90¢; ½ lb., \$1.55

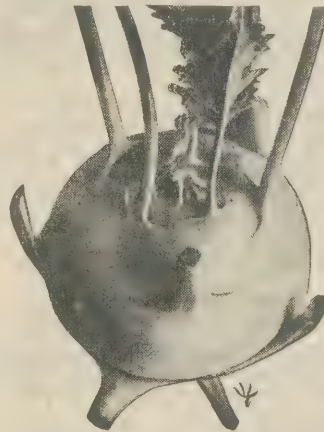


*Sandwich Island
Oyster Plant*

Kohlrabi

SOW in April or May in rows, thin to 8 inches. The globular fruits grow above

ground, are stripped and cooked like turnips, but are much sweeter.



**VIENNA KOHLRABI EARLY
WHITE.** Pkt., 15¢

EARLY WHITE VIENNA.

55 Days.
White and
tender. Pkt.,
15¢; ½ oz.,
35¢; oz., 55¢

EARLY PURPLE VIENNA.

About 60
Days. Pkt.,
15¢; ½ oz.,
35¢; oz., 55¢

Okra

OKRA pods are used in soups, stews and salads. It is a hot weather plant, but can be grown in the North much like corn, the plants being started indoors in paper pots. The pods should be gathered each day while still tender and pulpy.

Quantity needed for 15 ft., 1 pkt.; 50 ft., 1 oz.

WHITE VELVET. 70 Days. Produces pods larger than any other.

Pkt., 15¢; oz., 25¢; ¼ lb., 65¢

TALL OR PERKINS MAMMOTH. 68 Days. The long pods, measuring 4 and 5 in. are produced in great quantities.

Pkt., 15¢; oz., 25¢; ¼ lb., 65¢



O-2 OKRA DWARF LONG POD. Pkt., 10¢

Oyster Plant (Salsify)

THOUGH not as generally grown as it should be, this is, when cooked, a really delicious vegetable, surpassing in richness of flavor both carrots and parsnips. It acquires a decided oyster flavor after a good frosting. Roots for winter use should be lifted in the fall, while those for early spring use may be left in the ground over winter.

MAMMOTH SANDWICH ISLAND. This variety is much more uniform in growth than the old standard "Long White" variety; it is twice the size and weight; the roots are of superior quality and flavor.

Pkt. 15¢; ½ oz., 35¢; oz., 65¢

SQUASH

UConn. 75 Days. MA bush type of Acorn (gold medal winner 1950 All America).
Pkt., 25c; oz., 65c; ¼ lb., \$1.85

ACORN, TABLE QUEEN OR DES MOINES. 80 Days. Extremely prolific; one of the most popular for home, market garden and shipping; fruits pointed acorn shape, 5½ inches long and 4 inches through; skin smooth, dark green; shell thin; flesh light yellow, bakes dry and sweet.
Pkt., 15c; oz., 45c; ¼ lb., \$1.25

BUTTERNUT. 100 Days. MA recent introduction which has become very popular. Delicious when used for pies and excellent either baked or boiled. Resistant to stem borer.
Pkt., 15c; oz., 45c; ¼ lb., \$1.25

SWEET POTATO IMPROVED. (Delicata Resistant). 100 Days. Its vigorous vine, resistant to mosaic disease, produces fruits averaging 8 to 9 inches, 3½ to 4 inches in diameter. Cream skin is marked by green stripes; flesh thick, orange and of unsurpassed sweetness.
Pkt., 15c; oz., 45c; ¼ lb., \$1.25

DELICIOUS (Green or Golden). In 102 Days. A fall and winter variety. The fruit varies from 5 to 10 pounds each.

GREEN. Pkt., 15c; oz., 45c; ¼ lb., \$1.25

GOLDEN. Pkt., 15c; oz., 45c; ¼ lb., \$1.25

CASERTA. 60 Days. MA An Italian Cocozelle type that won a Gold Medal in All America. The fruits mature almost a week earlier in much greater numbers. The fruit are delicious at the size of a banana.
Pkt., 25c; oz., 65c; ¼ lb., \$1.85

IMPROVED HUBBARD. In 110 Days. Not as large as Chicago Warded, but in shape and quality similar. Flesh is sweet and fine grained, and fruits keep well.
Pkt., 15c; oz., 45c; ¼ lb., \$1.25

Zucchini (63 days): Excellent when about 5 to 6 inches long. Flesh is creamy white and very tender.

Pkt., 15c; oz., 45c; ¼ lb., \$1.25



Butternut

BUTTERCUP. 100 Days. A distinct, outstanding winter squash developed at the North Dakota Agricultural College, highly productive, unique, turban-shaped, fruits 6 to 8 inches in diameter, slightly ribbed, deep dull green faintly striped and flecked with dull gray. Prominent button at blossom end, dry and of excellent quality.

Pkt., 15c; oz., 45c; ¼ lb., \$1.25

Swiss Chard

RHUBARB CHARD. A recent introduction having all the chard characteristics excepting mid rib.
Pkt., 15c; oz., 35c; ¼ lb., 75c

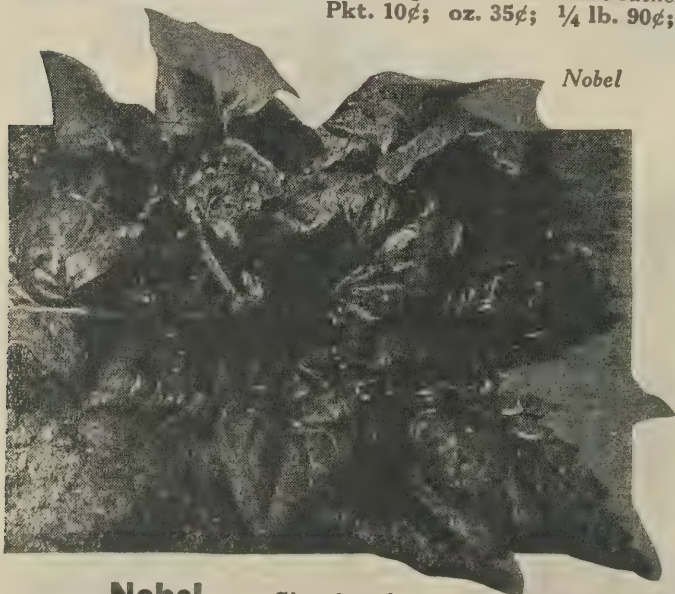
LUCULLUS. About 52 Days. A new Moss Curled sort. Very large leaves.
Pkt., 15c; oz., 35c; ¼ lb., 75c

SPINACH

Bloomsdale Long Standing — Vigorous plants

48 days. Quick-growing hardy spinach much planted for home and market use as well as for canning. The glossy dark green leaves are intensely crinkled, in addition to being of a very heavy texture. Valuable for spring sowing or planting in the fall. Remains in the rosette stage for a long time without bolting. An extremely heavy yielder of delicious "greens." Plants are rather erect.

Pkt. 10¢; oz. 35¢; ¼ lb. 90¢; ½ lb. \$1.45



Nobel

Nobel — Giant leaved

49 days. All-America Silver Medal Winner. The largest as well as the heaviest producer of all, with thick, smooth, pointed green leaves that are quite succulent, crisp, tender and of extremely delicious flavor. Long standing. For home, market and canning.

Pkt. 15¢; oz. 35¢; ¼ lb. 90¢; ½ lb. \$1.45

One of our most wholesome "greens" in the spring and early fall when cool weather is most favorable for its growth. Also suitable for quick freezing. New Zealand Spinach will supply delicious "greens" throughout the summer and fall.

How to Grow Spinach

Sow seeds very early in the spring, either broadcast or in rows 18 to 24 in. apart; cover the seed with 1 in. of soil and thin plants to stand 5 or 6 in. apart in the rows. At each picking, remove every other plant, which will allow room for remaining plants to fully develop. Additional sowings may be made when the preceding planting is up and growing, but the last should be two months before hot weather is expected. For fall use, sow in late summer; for early spring use, where winters are mild, sow in early fall and cover with a few inches of hay, leaves or litter. A pkt. will sow 25 ft. of row; 1 oz. 75 ft. Directions for growing New Zealand spinach are given on the seed bags.

New Zealand

HOT WEATHER OR EVERLASTING SPINACH

70 days. When prepared for the table, it so greatly resembles spinach in appearance and flavor that most persons will not be aware of the difference. It makes strong plants which resist heat and produce an abundance of fleshy, brittle green leaves and young stem tips that can be picked repeatedly all during the summer and fall. Plants attain a spread of 4 ft. when fully grown and thrive in any good soil in a warm location. One sowing will do for the season. It is not hardy so cannot stand frost. Seeds are large and should be soaked before planting.

Pkt. 15¢; oz. 40¢; ¼ lb. \$1.10; ½ lb. \$2.00

TOMATOES



Burpee BIG BOY HYBRID TOMATO

Pkt. (30 seeds) 50¢;

2 pkts. 95¢;

3 pkts. \$1.35;

5 pkts. \$2.15;

1/8 oz. \$10.00

Biggest Smooth, Round, Red Tomatoes Ever Produced!

Gigantic, thick-meated, perfectly smooth, so heavy they often weigh 1 lb. or more each. Superb quality, extra delicious, wonderful. Unsurpassed for the garden, wins prizes at the fairs, always brings highest prices.

Plants Grow Faster, Bear Heavier

Because they are Hybrids the plants grow faster, sturdier—bear heavier, and longer. They set more fruits even in bad weather.

Beefsteak—Known as Crimson Cushion

80 days. The largest red-fruited standard tomato. Vigorous vines produce an abundance of extra-large fruits which are more or less ribbed. Flesh is a beautiful deep scarlet; juicy, solid, and has a rich sub-acid flavor. Grown extensively by home gardeners.

Pkt. 25¢; 1/2 oz. 75¢; oz. \$1.35; 1/4 lb. \$4.00

Stokesdale

70 days. Second-early to midseason tomato suited for home use, market and canning. Fruits are smooth, solid, deep round, bright scarlet throughout, medium sized and of fine quality. Plant is of vigorous, semi-spreading, open habit and a heavy yielder.

Pkt. 15¢; 1/2 oz. 60¢; oz. \$1.00; 1/4 lb. \$3.00

Marglobe—A most important tomato

73 days. Grown from the same stock seed of our selected strain and under the same conditions, but not inspected for certification.

Pkt. 15¢; 1/2 oz. 50¢; oz. 95¢; 1/4 lb. \$2.75

Sioux 70 days. A red-fruited variety developed from All Red

× Stokesdale at the Nebraska Experiment Station.

Plant relatively open, with finely-divided leaves; fruits of medium size, almost globular, thick-walled and practically free from hard core, juicy with good acid flavor. This variety possesses the uniform ripening factor. (Pkt. 15c) (1/4 oz. 30c) (oz. 90c) (1/4 lb. \$3.00) (lb. \$9.05) postpaid.

BEST YELLOW VARIETY

JUBILEE. 80 Days. Mature fruits average more than half a pound; deep orange inside and out with solid flesh and so few seeds as to make seed production a problem. It is an excellent salad variety, with mild, non-acid flavor, but not flat, and it can be canned with success, but some will consider its juice insipid. Its vines grow vigorously and can be staked and pruned.

Pkt., 20c; 1/2 oz., 55c; oz., \$1.00

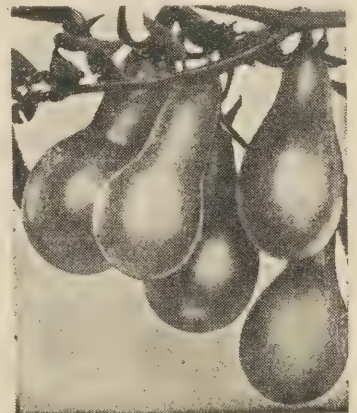
SMALL FRUITED TOMATOES

RED. PLUM.

YELLOW PEAR.

GROUND CHERRY, HUSK

Any of the above pkt., 15c; 1/2 oz., 50c;



Yellow Pear

Tobacco Seeds

BURLEY. Pkt., 15c; 1/2 oz., 40c; oz., 75c

Rhubarb

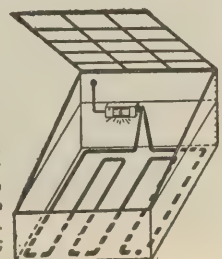
VICTORIA. A popular red strain.
Pkt., 15c; oz., 45c; 1/4 lb., \$1.25

VITAPANE GLASS SUBSTITUTE

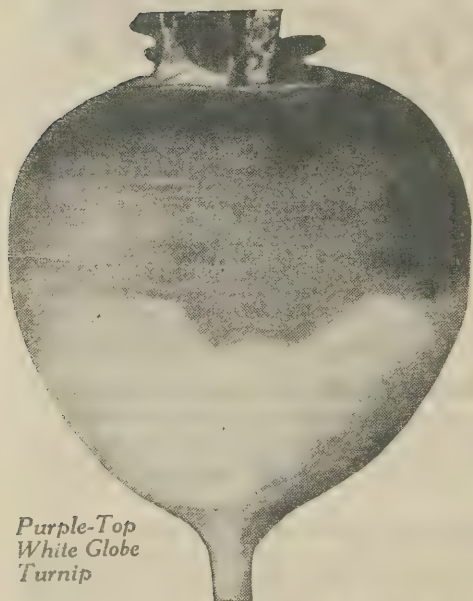
Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for greenhouses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, \$8.00; 150 ft. Roll, \$24.00.

GRO-QUICK Electric Seed Bed Heater

Soil heating cable and thermostat. Jr. package contains thermostat and 40 ft. 200 watt cable for 3x6 ft. hot bed or 25 square ft. of cold frame. Price \$5.95 ea.; 3 for \$16.50. Sr. package contains thermostat and 80 ft. 400 watt cable for 6x6 ft. hot bed or 50 square ft. of cold frame. Price \$6.95; 3 for \$19.30. Jr. cable only price \$1.95; Sr. cable only price \$3.65.



TURNIPS



Purple-Top
White Globe
Turnip

RUTABAGAS

Burpee's Purple-Top Yellow

90 days. Large, smooth, globe-shaped roots with deep purplish red coloring in the upper portion above ground, light yellow below. Sweet, fine-grained, yellow flesh cooking to bright orange. Will keep in fine condition until quite late in the spring. The leading rutabaga for table use during fall and winter; also used for stock feeding. Good keeper.
Pkt. 15¢; oz. 35¢; ¼ lb. 65¢; ½ lb. \$1.10; lb. \$1.85

Purple-Top White Globe —Widely grown

55 days. Roots are nearly round, smooth, bright purplish red on the upper part which extends above the surface; the lower portion is creamy white. Flesh is white, firm, crisp, and of mild-sweet flavor, raw or cooked. Will grow to large size, 4 to 5 in. across but are of best quality if used when 2 to 3 in. in diameter. Very popular for home garden, market, shipping, freezing and winter storing. The leading white fleshed turnip for table use. Heavy cropper.

Pkt. 15¢; oz. 35¢; ¼ lb. 65¢; ½ lb. \$1.10; lb. \$1.85

Early Red or Purple-Top Strap Leaf

48 days. Large, flat roots, 4 to 5 in. across. Deep purplish red on top, milky white in lower portion. Fine-grained, sweet, tender, deliciously flavored white flesh. Very quick grower; uniform in size, coloring and shape. Larger than the Milans. Suitable for freezing. Medium small tops.

Pkt. 10¢; oz. 25¢; ¼ lb. 60¢; ½ lb. \$1.00; lb. \$1.70

WATERMELONS

Kleckley's Sweet Improved 88 days. Also known as

Wondermelon. A large melon that is distinct from Kleckley Sweets in that it has a tougher rind which makes it ideal for long distance shipping. The skin is attractive, dark glossy green color. Flesh is dark red, of fine texture, juicy, and delectable flavor. Fruits grow 12 in. in diameter, 24 in. long and weigh up to 40 lbs. each. Splendid melon of excellent quality for home and market garden.

Pkt. 20¢; oz. 50¢; ¼ lb. \$1.40

New Hampshire Midget 70 days. All-American Gold Medal Winner.

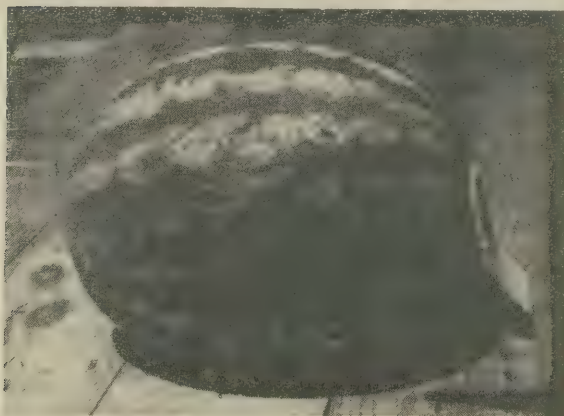
Extremely early which will be especially appreciated by New England gardeners. Midget size—about that of a cantaloupe, 7 in. long, 6 in. across, weigh up to 6 lbs.; an ideal size for putting into a refrigerator. Skin striped dark green on light green; rind thin; flesh strawberry-red, solid and sweet. Vines small, vigorous.

Pkt. 25¢; oz. 65¢; ¼ lb. \$1.75

Early Kansas 80 days. Popular in the Midwest for the home garden, local market and shipping.

Fruits weigh 20 to 30 lbs., are round to oval in shape; skin is bright green with broad lighter green wavy stripes. Rind is thin but tough; flesh is firm, deep red, free from stringy heart.

Pkt. 15¢; oz. 45¢; ¼ lb. \$1.25



Early Kansas

Klondike 82 days. Medium sized, dark green with tough but thin

rind and bright, deep red flesh. Use where wilt is prevalent. 16 in. long, 8 in. across. Pkt. 15¢; oz. 45¢; ¼ lb. \$1.25

Black Kleckley 80 days. Prolific, early melon, highly resistant

to both fusarium wilt and anthracnose. Skin is so dark as to appear black, rind is tough, flesh is deep red and very sweet. Weigh 15 to 25 lbs., mostly oblong. Desirable melon for home and market. Pkt. 15¢; oz. 45¢; ¼ lb. \$1.25

Striped Klondike 82 days. Light green melons striped darker

green; flesh is deep red, sweet and delicious. Wilt resistant. Weigh 25 lbs. Pkt. 15¢; oz. 45¢; ¼ lb. \$1.25

Dixie Queen, Wilt Resistant

90 days. Fruits are similar to original Dixie Queen in color of skin, light green striped dark green; in size, 15 in. long and 12 in. across; in weight, 30 to 35 lbs. and the flesh is just as delicious—deep red when ripe, extremely sweet and free from fiber. Seeds are white but two to three times the size of regular Dixie Queen. Vines are highly resistant to wilt. Thin, tough rind.

Pkt. 20¢; oz. 50¢; ¼ lb. \$1.50

How to Grow Watermelons

Plant seed after all danger of frost has passed and the soil has become thoroughly warm. Place 6 to 8 seeds in groups, allowing 2 to 3 in. between the seeds and space the groups 6 to 8 ft. apart each way. Cover seed with ½ in. of fine soil. Thin to 2 or 3 plants in each group after plants are well established. Rich, rather sandy soils produce the finest watermelons, but a well-drained loam is also suitable. A pkt. will plant 6 groups or so-called "hills"; 1 oz. about 30 groups.

DUTHIE COMPANY



LEWISTON, IDAHO

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M

Amount
Enclosed \$.....
Please send check or money order

Express or Freight Office.....

[illegible]

NAME OF VARIETY

PRICE
Dollars Cents

QUANTITY
WANTED



Amount brought forward from other side →

Total Amount to Enclose →

IMPORTANT TO FILL IN

Miss
Mrs.
Mr.

Street and No.

P. O. Box }
R. D. Box }

R. F. D. No.

No.

Town

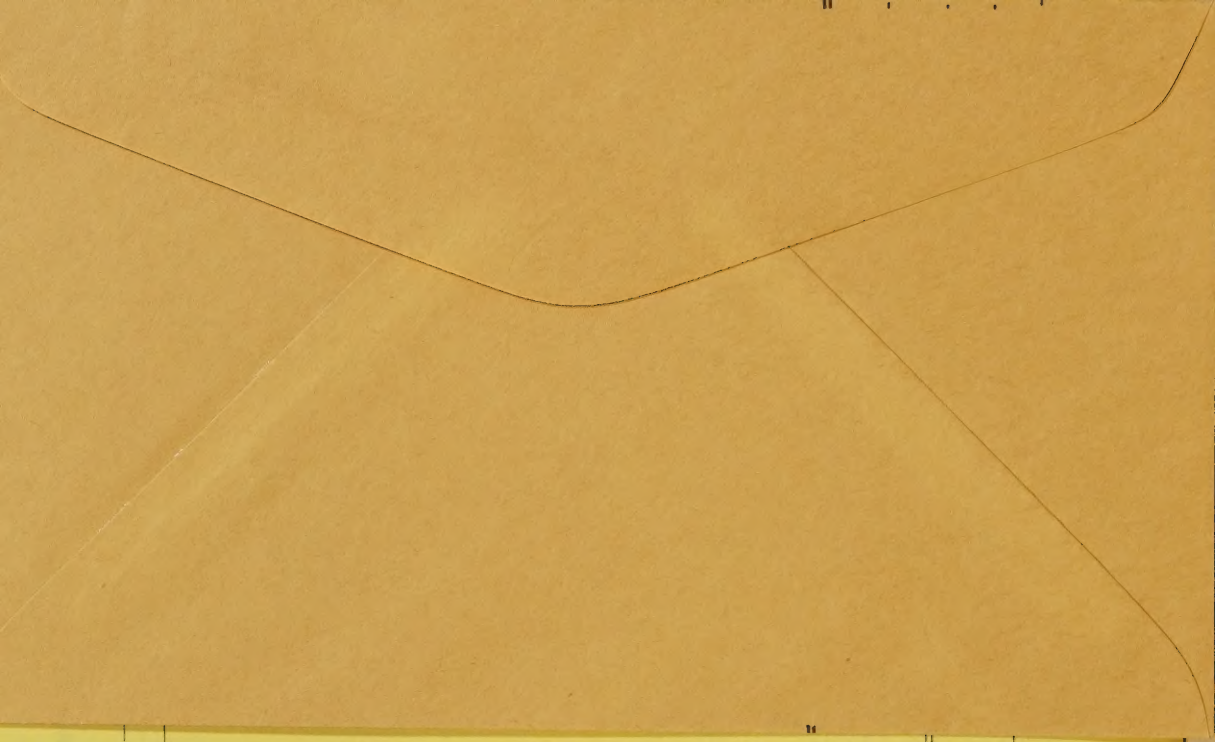
State

Please write name and address plainly.

DUTHIE COMPANY

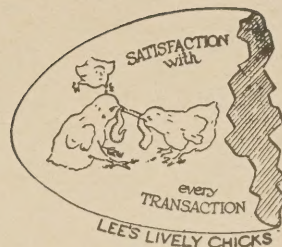
LEWISTON,

IDAHO



We Are Again Offering
"LEE'S LIVELY CHICKS"

Unsexed baby chicks, carefully boxed and ventilated, to arrive
 100 per cent live delivery as guaranteed.



BABY CHICKS—Not Sexed

DAY OLD PULLETS

	Per 25	Per 50	Per 100	Per 25	Per 50	Per 100
White Leghorns (Regular)	\$5.25	\$ 9.50	\$17.50	\$9.50	\$17.75	\$34.00
White Leghorns (Special) ..	5.75	10.50	19.50	10.25	19.25	37.00
Austria-White	5.50	9.90	18.50	9.90	18.75	36.00
New Hampshires	5.50	9.90	18.50	7.75	14.50	27.00
Parmenter R. I. Reds ..	5.50	9.90	18.50	7.75	14.50	27.00
Barred Rocks	5.50	9.90	18.50	7.75	14.50	27.00
White Rocks	5.75	10.50	19.50	8.25	15.50	28.50
White Wyandottes	5.75	10.50	19.50	8.25	15.50	28.50

Emokamp's

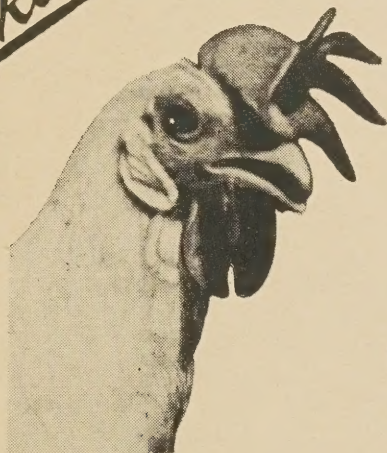
CHICKS'



NEW HAMPSHIRE

1st **GENERATION CHICKS . . .**
THE BEST CHICKS YOU CAN BUY!

LEGHORNS



**Bred to fit your needs from the Nation's leading egg and meat
 producing strains, that will make bigger profits for you!**

	NOT SEXED			SEXED PULLETS		
	100 TO 300	300 TO 1000	1000 AND OVER	100 TO 300	300 TO 1000	1000 AND OVER
1955 DAY-OLD CHICK PRICES						
*Honegger White Leghorns	22¢	22¢	22¢	44¢	44¢	44¢
DUCKLINGS AND GOSLINGS	SIX OR MORE			LESS THAN SIX		
DUCKLINGS—Mammoth White Pekin	65¢ each			75¢ each		
GOSLINGS—White Chinese	\$2.00 each			\$2.15 each		
Gray Toulouse	2.35 each			2.50 each		
African						



Tree Roses

For fifteen years we have grown tree roses at Lewiston. We have not given them any protection for winter and only one winter did they winter kill, that year about 75% of the bush roses killed out

This year we are offering some of the Tree Roses to public. You will find a good selection of colors and All American Winners.

BUCCANEER (Pat. 1119), *Grandiflora* type of brilliant yellow of High Noon, semi-double, wonderful buds

CHARLOTTE ARMSTRONG (Pat. 455), carmine buds, rich cerise, full blooms

FRAU KARL DRUSCHKI, snow-white pillar type

FORTY NINER (Pat. 792), bi-colored red and creamy yellow reverse petals

HELEN TRAUBEL (Pat. 1028), sparkling pink to luminous apricot

HEART'S DESIRE (Pat. 501), bright luminous red

JIMINY CRICKET (PPP), 1955 AARS, tangerine red buds, coral orange open flower, fragrant

LILIBET, Pat. No. 1209. (*floribunda*)

Delicate light rose to soft dawn pink.

MA PERKINS (Pat. 1143), sparkling coral shell-pink, abundant bloom, rich unusual fragrance

MOJAVE (Pat. 1176), blended apricot and salmon orange

PRESIDENT EISENHOWER (Pat. 1217), black-red, buds open into clear bright red

TIFFANY (PPP), 1955 AARS, phlox pink, perfect buds, delightfully fragrant

QUEEN ELIZABETH (PPP), 1955 AARS, *Grandiflora* type, orchid-pink high centered blooms, borne both singly and in clusters.

DUTHIE COMPANY

LEWISTON, IDAHO

1101 MAIN ST.

Easier to Grow BECAUSE:

1. They grow on a special strain of *Rosa-Multiflora* root and stem (trunk).
2. Transplant easily; are hardy; handle well for Winter protection.
3. Exceptionally hardy. Should not be confused with Rose Trees growing on *Rugosa* stems—which are subject to borers and other ills common to stems.
4. Trunks increase in diameter in proportion with the top, an essential for long life in Tree Roses.

ALL

FIRST

GRADE

ROSES

PLACE

ORDER

N O W



NOCTURNE (Pat. 713), cardinal red

ECLIPSE, golden yellow

MRS. P. S. DuPONT, golden yellow

McGREDY'S IVORY, ivory white

STANDARD ROSES, only ----\$4.95 each

PATENTED ROSES, only ----\$5.50 each

Prices F.O.B. Lewiston, Idaho

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LEWISTON, IDAHO

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